SUMMARIES

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FOREWORD

The U.S. Environmental Protection Agency, under a series of documents exchanges with foreign governments and international organizations, is collecting environmental reports from around the world. This publication, a monthly announcement of documents received by EPA under the exchanges, is distributed to EPA staff and is available to others through the National Technical Information Service (NTIS). See inside cover for subscription rates.

INDEX SYSTEM

In each issue, the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

Air	Pesticides
Water	Toxic Substances
Noise	Radiation
Solid wastes	Land use

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

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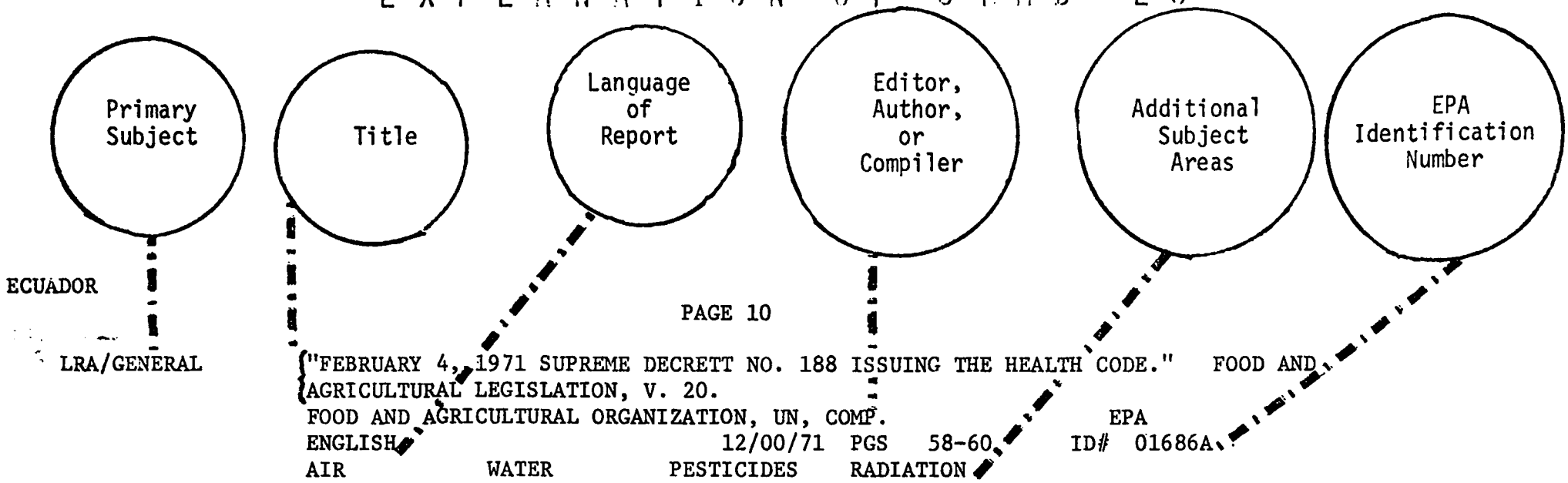
The documents cited in this publication are housed in the reference collection of the EPA Headquarters Library.

NOTE: THE SERIES WILL BE DISCONTINUED WITH THIS ISSUE.

EXPLANATION OF SYMBOLS



THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

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AIR

BRAZIL BASIC LEGISLATION (1977)

EPA

LR(A) PORTUGUESE 00/00/77 PGS 1-30 ID# 04021B

*GENERAL WATER

BRAZIL REDE AUTOMATICA DE AMOSTRAGEM DE POLUENTES ATMOSFERICOS, PLANO PRELIMINAR

(AUTOMATIC AIR POLLUTION SAMPLING NETWORK, PRELIMINARY PLAN)

ARAUJO GUIMARAES, FERNANDO DE, AND OTHERS EPA

PM(B) PORTUGUESE 00/00/75 PGS 1-53 ID# 05099A

ALSO SE, ST

THIS REPORT, PRESENTED AT THE EIGHTH BRAZILIAN SANITARY ENGINEERING CONGRESS, HELD IN RIO DE JANEIRO DURING DECEMBER 1975, DESCRIBES FIVE DIFFERENT METHODS AVAILABLE FOR SETTING UP AND OPERATING AN AIR POLLUTION SAMPLING NETWORK IN THE GREATER SAO PAULO METROPOLITAN AREA AND DISCUSSES THE GEOGRAPHICAL AND SOCIOECONOMIC CHARACTERISTICS OF THE AREA WHICH MUST BE CONSIDERED IN SETTING UP SUCH A NETWORK. THE DISCUSSION OF THE FIVE PROPOSED NETWORK METHODS DEALS WITH THE POLLUANTS WHICH WOULD BE SAMPLED, THE NUMBER OF SAMPLING STATIONS IN THE NETWORK, THE LOCATION OF SAMPLING STATIONS, THE FREQUENCY AND VOLUME OF SAMPLING, THE MANNER OF INSTALLATION OF SAMPLING STATIONS, AND FORMULAS FOR THE OPERATION OF THE STATIONS. THE TEXT OF THE REPORT IS AMPLY ILLUSTRATED BY MAPS, TABLES AND GRAPHS. CONCLUSIONS AND SPECIFIC RECOMMENDATIONS ARE SET FORTH, AND A BIBLIOGRAPHY IS INCLUDED.

DENMARK "LEAD CONTENT IN BLOOD SHOULD BE INVESTIGATED." BERLINGSKE TIDENDE

EPA

LR(B) DANISH 10/11/77 PGS (I)3 ID# 05049A

ALSO PMB

THE REASON FOR THE REDUCTION OF LEAD CONTENT IN GASOLINE TO 0.40 GRAMS PER LITER AS OF JANUARY 1, 1978 IS THE FACT THAT ABOUT 90 PERCENT OF DANISH LEAD POISONING IS CAUSED BY CAR EXHAUST FUMES, ACCORDING TO THIS ARTICLE. THE MINISTRY OF THE ENVIRONMENT IS CURRENTLY INVESTIGATING A REDUCTION TO 0.15 GRAMS. THIS WOULD MEAN, HOWEVER, THAT DANISH REFINERIES WOULD HAVE TO FINANCE EXPENSIVE CHANGES OF EQUIPMENT, WHICH IN TURN WOULD MAKE GASOLINE MORE EXPENSIVE. ALSO, IN ORDER TO OBTAIN THE PROPER OCTANE COUNT, LARGER AMOUNTS OF POSSIBLY CARCINOGENIC HYDROCARBONS WOULD BE USED. A RESEARCH PROJECT FINANCED JOINTLY BY THE DANISH NATIONAL AGENCY OF ENVIRONMENTAL PROTECTION AND THE EC IS CURRENTLY UNDERWAY. ACCORDING TO RECOMMENDATIONS BY WHO, AN ADULT SHOULD NOT CONSUME MORE THAN 3 MG LEAD PER WEEK.

AIR

DENMARK "AIR POLLUTION CAN BE REDUCED BY 90 PERCENT BY ADDING WATER TO FUEL OIL."
BERLINGSKE TIDENDE
EPA
PM(B) DANISH 09/08/77 PGS (I)5 ID# 05093A

A RECENT REPORT BY THE TECHNOLOGICAL INSTITUTE CLAIMS THAT AIR POLLUTION FROM CHIMNEYS COULD BE REDUCED BY MORE THAN 90 PERCENT IF WATER WERE ADDED TO FUEL OIL USED AT LARGE INDUSTRIAL INSTALLATIONS AND HEATING PLANTS. THE SOOT EMITTED FROM CHIMNEYS AT THE BORUPPLANT, WHERE THIS THEORY WAS TESTED, WAS REDUCED BY 99 PERCENT. SINCE DENMARK IS POLLUTED ANNUALLY BY 21,000 TONS OF INCOMPLETELY COMBUSTED CARBON, THIS AMOUNT COULD BE REDUCED TO 600 TONS IF ALL BIG USERS OF FUEL OILS WERE TO MIX IT WITH WATER. THE NATIONAL AGENCY OF ENVIRONMENTAL PROTECTION IS NOT READY TO ENDORSE THE METHOD AT THIS TIME, HOWEVER, SINCE SEVERAL HEAVY METALS POSSIBLY ARE RELEASED AT THE SAME TIME AS THE CARBON IS BEING BROKEN DOWN. THE SAVINGS FROM USING THE METHOD FOR LARGE HEATING PLANTS, ETC. WOULD BE BETWEEN 0.5 TO THREE PERCENT,BUT THE METHOD WOULD ONLY BE ECONOMICALLY FEASIBLE FOR LARGE CUSTOMERS.

DENMARK ORGANIC LEAD COMPOUNDS: POLLUTION AND TOXICOLOGY. STATENS NATURVARDSVERK
PM879
GRANDJEAN, PHILIPPE, AND TORBEN NIELSEN
EPA
ST( ) DANISH 00/00/77 PGS 1-78 ID# 05027A
TOXIC SUBS

EVAPORATION AND INCOMPLETE COMBUSTION OF GASOLINE CAUSE AIR POLLUTION WHICH IS MORE STABLE IN THE ATMOSPHERE THAN HAD BEEN PREVIOUSLY ANTICIPATED, ACCORDING TO THIS REPORT. ENSUING LEAD COMPOUNDS ARE ABSORBED THROUGH THE SKIN AND RESPIRATORY TRACT AND ACCUMULATED ESPECIALLY IN THE LIVER, KIDNEYS AND BRAIN. HUMAN BRAIN TISSUE ANALYZED FOR VARIOUS AREAS OF DENMARK HAS SHOWN AN ACCUMULATION OF UP TO 0.05 MICROG/G POISONOUS LEAD COMPOUNDS, WITH THE HIGHEST CONCENTRATION FOUND IN PEOPLE RESIDING ON THE GROUND LEVEL IN COPENHAGEN. PERSONS RESIDING ON UPPER LEVELS AND RESIDENTS OF SUBURBS AND VILLAGES HAD LOWER CONCENTRATION. AN INCREASED PERMEABILITY TO ANIONS WAS FOUND IN THE MEMBRANES OF ERYTHROCYTES EXPOSED TO ORGANIC LEAD COMPOUNDS. THIS IS THOUGHT TO HAVE NO CONSEQUENCES FOR ERYTHROCYTES, BUT IT IS SUPPOSED THAT NERVE CELLS ARE PARTICULARLY SENSITIVE TO THIS EFFECT. A REVIEW OF THE TOXIC EFFECTS OF ORGANIC LEAD COMPOUNDS IS PRESENTED. A BIBLIOGRAPHY IS APPENDED. (AUTH. MOD.)

GERMANY,FED REP OF "LAND ORDINANCES TO PREVENT HARMFUL ENVIRONMENTAL INFLUENCES DURING UNFAVORABLE WEATHER CONDITIONS--SMOG ORDINANCES." UMWELT, NO. 58
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR
EPA
LR(B) GERMAN 09/26/77 PGS 19-20 ID# 05126A
ALSO PMB

SECTIONS 40 AND 49 (PARAGRAPH 2) OF THE FEDERAL IMMISSIONS PROTECTION LAW EMPOWER THE LANDS (STATES) TO ISSUE ORDINANCES ESTABLISHING AREAS IN WHICH SPECIAL MEASURES MUST BE TAKEN TO PREVENT AIR POLLUTION DURING UNFAVORABLE WEATHER CONDITIONS. THE LAND COMMITTEE FOR PROTECTION OF THE AMBIENT AIR, COMPOSED OF THE FEDERAL INNTERIOR MINISTER AND LAND AUTHORITIES, HAS ISSUED A FRAMEWORK DRAFT FOR SUCH ORDINANCES AND RECOMMENDED THAT THE PERTINENT LAND MINISTERS USE THE FRAMEWORK IN DEVELOPING SMOG ORDINANCES. SO FAR THE FOLLOWING LANDS HAVE ADOPTED SMOG ORDINANCES: NORTH RHINE-WESTPHALIA, THE SAAR, HESSE, RHINELAND-PALATINATE, AND BADEN-WUERTTEMBERG. THESE ORDINANCES ESTABLISH SMOG AREAS IN WHICH SPECIAL MEASURES ARE TO BE TAKEN AND, WITHIN THESE, RESTRICTED ZONES REQUIRING MORE STRINGENT MEASURES. THEY ALSO DEFINE DANGEROUS CONDITIONS AND ESTABLISH ALARM STAGES DURING WHICH INCREASINGLY SEVERE RESTRICTIONS ON THE USE OF MOTOR VEHICLES AND CERTAIN FUELS ARE MANDATED. NATIONAL TRAFFIC LAW HAS DESIGNATED A SMOG WARNING TRAFFIC SIGN.

JAPAN "GROUP CALLS FOR EASING NOX EMISSION CONTROLS," JAPAN TIMES
EPA
LR(B) ENGLISH 12/08/77 PGS 5 ID# 05129A

THE INDUSTRIAL STRUCTURE COUNCIL'S INDUSTRIAL POLLUTION COMMITTEE, AN INDEPENDENT ADVISORY BODY HEADED BY THE MANAGING DIRECTOR OF THE NATIONAL INSTITUTE FOR RESEARCH ADVANCEMENT, HAS URGED THE JAPANESE GOVERNMENT TO REVISE THE ENVIRONMENT AGENCY'S TARGET CALLING FOR A REDUCTION OF THE LEVEL OF NITROGEN OXIDES IN THE AMBIENT AIR TO 0.02 PPM BY MAY 1978. IN A REPORT SHORTLY TO BE SUBMITTED TO THE INTERNATIONAL TRADE AND INDUSTRY MINISTRY, THE COMMITTEE CALLS THE GOAL TOO STRICT. . ACCORDING TO THE REPORT, THE AVERAGE LEVEL OF NITROGEN OXIDES IN 1975 WAS ABOUT 0.03 PPM; COSTS FOR THE FURTHER REDUCTION OF THIS LEVEL WOULD COST JAPANESE INDUSTRY, WHICH INVESTED THREE TRILLION YEN IN DENTIRIFICATION EQUIPMENT BETWEEN 1971 AND 1975 AND SPENT ABOUT 1.2 TRILLION FOR OPERATING COSTS FOR THIS EQUIPMENT IN 1976 ALONE, ABOUT 1.9 TRILLION YEN FOR INSTALLATION AND ABOUT 940 BILLION ANNUALLY IN OPERATING COSTS. SUCH COSTS MAY DECREASE INDUSTRY'S CAPITAL RESERVES AND DAMAGE JAPAN'S ECONOMIC DEVELOPMENT POTENTIAL, THE REPORT WARNS.

JAPAN LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN. ENVIRONMENT AGENCY
EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
*GENERAL NOISE WATER SOLID WASTE LAND USE

NORWAY LANGTIDSPROGRAMMET 1974-1977--SPECIALANALYSE 1: FORURENSNINGER (LONG-TERM PROGRAM 1974-1977--SPECIAL ANALYSIS 1: POLLUTION)
NORWAY. MINISTRY OF FINANCE
EPA
PM(A) NORWEGIAN 00/00/72 PGS 1-237 ID# 05032A
ALSO LRB
*GENERAL WATER SOLID WASTE

NORWAY MILJOVERN--TEKNISK/OKONOMISKE ANALYSER VED OVERSIKTSPLANLEGGING (ENVIRONMENTAL PROTECTION--TECHNICAL/ECONOMIC ANALYSIS IN GENERAL PLANNING)
NORWAY. MINISTRY OF LOCAL GOVERNMENT AND LABOR
EPA
PM(B) NORWEGIAN 10/00/70 PGS 1-227 ID# 05033A
*LAND USE WATER NOISE SOLID WASTE

AIR

NORWAY
BEREDSKAP MOT AKUTT FORURENSNING (PREPAREDNESS FOR HANDLING ACUTE POLLUTION).
NOU 1974: 25
EPA
PM(B) NORWEGIAN 00/00/74 PGS 1-50 ID# 05020A
ALSO LRB
*GENERAL WATER TOXIC SUBS

NORWAY
TILTAK MOT FORURENSNINGER (MEASURES AGAINST POLLUTION)
NORWAY, MINISTRY OF ENVIRONMENT
EPA
PM(B) NORWEGIAN 12/00/75 PGS 1-138 ID# 05041A
ALSO LRB, SE
*GENERAL WATER SOLID WASTE TOXIC SUBS

NORWAY
NORWAY INNOVATES IN ENVIRONMENTAL PLANNING
SMITH, DOUGLAS V.
EPA
PM(B) ENGLISH 10/00/73 PGS 1-20 ID# 05048A
ALSO LRB
*GENERAL LAND USE WATER

NORWAY
STATENS FORURENSNINGSTILSYN--ARSBERETNING FOR 1976 (STATE POLLUTION CONTROL AUTHORITY--ANNUAL REPORT, 1976)
NORWAY, STATE POLLUTION CONTROL AUTHORITY
EPA
PM(A) NORWEGIAN 02/00/77 PGS 1-31 ID# 05106A
ALSO PMB
*GENERAL WATER NOISE SOLID WASTE

NORWAY
FORURENSNINGER OG MILJOVERNTILTAK I GRENLAND (POLLUTION AND ENVIRONMENTAL EFFORTS IN GRENLAND)
NORWAY, STATE POLLUTION CONTROL AUTHORITY
EPA
PM(B) NORWEGIAN 10/00/77 PGS 1-6 ID# 05112A
*WATER

SINGAPORE "CLEAN AIR ACT, 1971." SINGAPORE GOVERNMENT GAZETTE, ACTS SUPPLEMENT, NO. 41, 1971
EPA
LR(A) ENGLISH 12/31/71 PGS 287-300 ID# 05039A

THIS ACT SETS FORTH THE BASIC LEGAL FRAMEWORK FOR CONTROLLING AIR POLLUTION FROM INDUSTRIAL PREMISES IN SINGAPORE. PART I OF THE ACT DEFINES THE PERTINENT TERMS USED IN THE ACT AND PROVIDES FOR THE APPOINTMENT OF A DIRECTOR OF AIR POLLUTION CONTROL AND AUTHORIZED OFFICERS BY THE MINISTER. PART II REQUIRES THE OPERATOR OR OCCUPIER OF ANY PREMISE OF THE TYPE LISTED IN THE SCHEDULE TO THE ACT TO RECEIVE WRITTEN PERMISSION FROM THE DIRECTOR FOR CONTINUED OPERATION. THE POWER OF THE DIRECTOR TO ATTACH CONDITIONS TO PERMISSION IS ALSO SPECIFIED. PART III PRESCRIBES THE INSTALLATION OF AIR POLLUTION CONTROL EQUIPMENT, THE PROHIBITION OF DARK SMOKE EMISSIONS, COMPLIANCE WITH ANY ISSUED AIR EMISSION STANDARDS, AND THE POWER TO REQUIRE WORK ON ANY PREMISES. PART IV CONTAINS MISCELLANEOUS PROVISIONS RELATING TO THE ENFORCEMENT POWERS OF ADMINISTRATORS OF THE ACT AND THE RELATED DUTIES AND RESPONSIBILITIES OF PREMISE OCCUPIERS. (AMENDMENTS TO THE ACT ARE MADE BY THE CLEAN AIR (AMENDMENT) ACT, NO. 5 OF 1975, WHICH IS ATTACHED.)

SWEDEN FOTOKEMISKA OXIDANTER I ATMOSFAREN (PHOTOCHEMICAL OXIDANTS IN THE ATMOSPHERE).
STATENS NATURVARDSVERK PM 867
GREENFELT, P., ED./COMP.
EPA
ST( ) SWEDISH 00/00/77 PGS 1-80 ID# 05018A

THIS REPORT CONTAINS A COMPILATION OF LECTURES HELD AT A SEMINAR IN STOCKHOLM, DECEMBER 14, 1976, ON PHOTOCHEMICAL OXIDANTS IN THE ATMOSPHERE. THE FOLLOWING TITLES ARE INCLUDED: INTERNATIONAL ASPECTS OF PHOTOCHEMICAL OXIDANTS; BASIS FOR FORMATION OF PHOTOCHEMICAL OXIDANTS IN SCANDINAVIA; EMISSIONS OF HYDROCARBON AND NITRIC OXIDES IN SWEDEN AND INTERNATIONALLY; OZONE AND LONG-DISTANCE TRANSPORTATION OF AIR POLLUTANTS; MEASURING OF OZONE IN STOCKHOLM AND NYKOPING; AND THE EFFECTS OF OZONE ON VEGETATION. A SUMMARY OF A DISCUSSION HELD IMMEDIATELY FOLLOWING THE MEETINGS CONCLUDES THE PUBLICATION.

USSR "ON MEASURES FOR STRONGER PROTECTION OF THE BALTIC SEA BASIN FROM POLLUTION."
SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 16
EPA
LR(A) RUSSIAN 00/00/76 PGS 290-96 ID# 05077A
*WATER PESTICIDES

AIR

USSR "CRIMINAL-LEGAL PROTECTION OF WATER AND AIR FROM POLLUTION."
SOTSIALISTICHESKAYA ZAKONNOST', NO. 6
PAKUTIN, V. EPA
LR(B) RUSSIAN 06/00/77 PGS 40-42 ID# 05080A
WATER

THE AUTHOR ANALYZES HOW ARTICLE 223 OF THE RSFSR CRIMINAL CODE IS APPLIED AGAINST WATER AND AIR POLLUTERS. HE ENUMERATES VARIOUS TYPES OF POLLUTION AND SUGGESTS WHAT OTHER LAWS, IN ADDITION TO ARTICLE 223, CAN BE USED TO INITIATE CRIMINAL PROSECUTIONS AGAINST ENTERPRISES, OFFICIALS AND PRIVATE CITIZENS FOUND TO BE POLLUTING THE ENVIRONMENT.

USSR "ONLY A PART OF A LARGE COMPLEX." EKONOMICHESKAYA GAZETA, NO. 9
RESHIDOV, I. EPA
PM(B) RUSSIAN 02/00/77 PGS 14 ID# 05067A

PROTECTION OF THE AIR BASIN AGAINST POLLUTION BY HARMFUL SUBSTANCES IS ONLY A PART OF A LARGE COMPLEX OF ENVIRONMENTAL PROTECTION MEASURES BEING CARRIED OUT IN THE USSR, ACCORDING TO THE AUTHOR. THE SCIENTIFIC RESEARCH INSTITUTE FOR PURIFICTATION OF GASEOUS EMISSIONS IN INDUSTRY AND SANITATION OF THE USSR CHEMICAL AND PETROLEUM MACHINERY BUILDING MINISTRY PLAYS A LEADING ROLE IN THE DEVELOPMENT OF MEASURES FOR THE PROTECTION OF THE AIR BASIN AND FOR THE RECOVERY OF VALUABLE PRODUCTS FROM INDUSTRIAL WASTES. THE INSTITUTE ANALYZES AND SYSTEMATIZES SCIENTIFIC AND TECHNOLOGICAL PROBLEMS INVOLVING THE PURIFICATION OF GASEOUS EMISSIONS. THE AUTHOR, WHO IS THE DIRECTOR OF THE INSTITUTE, ALSO DISCUSSES ITS ACTIVITIES IN COORDINATING THE NATION-WIDE EFFORTS TO PREVENT AIR POLLUTION.

USSR PREDEL'NO DOPUSTIMYE KONTSENTRATSII VREDHYKH VESHCHESTV V VOZDUKHE I VODE
(MAXIMUM PERMISSIBLE CONCENTRATIONS OF HARMFUL SUBSTANCES IN THE AIR AND WATER)
BESPAMYATNOV, G.P., AND OTHERS, ED. EPA
ST( ) RUSSIAN 00/00/75 PGS 1-546 ID# 05121A
WATER

THIS PUBLICATION IS A REFERENCE MANUAL CONSISTING OF EXPERIMENTAL DATA FROM SOVIET AND SOME FOREIGN RESEARCH. IT DEALS WITH THE STANDARDIZATION OF CONCENTRATION LIMITS FOR OVER ONE THOUSAND HARMFUL SUBSTANCES IN THE AIR AND RESERVOIRS AND WITH CURRENT METHODS FOR TREATING INDUSTRIAL WASTE. NEW METHODS FOR DETERMINING THE MAXIMUM PERMISSIBLE CONCENTRATIONS OF HARMFUL SUBSTANCES ARE GIVEN AND THE EFFECTIVENESS OF VARIOUS TREATMENT SYSTEMS IS EVALUATED ACCORDING TO ESTABLISHED SANITARY REQUIREMENTS.

GENERAL

AUSTRALIA THE COMMONWEALTH'S ENVIRONMENTAL ASSESSMENT LEGISLATION
AUSTRALIA. DIRECTORATE OF THE ENVIRONMENT EPA
LR(B) ENGLISH 07/00/76 PGS 1-16 ID# 05064A
ALSO PMA AND PMB

THIS PAPER WAS PREPARED BY THE AUSTRALIAN ENVIRONMENTAL DIRECTORATE FOR DELIVERY AT THE ENVIRONMENTAL ASSESSMENT WORKSHOP OF JULY 1976 HELD BY THE WESTERN AUSTRALIAN DEPARTMENT OF CONSERVATION AND ENVIRONMENT. IT DISCUSSES THE COMMONWEALTH GOVERNMENT'S ROLE IN ENVIRONMENTAL IMPACT ASSESSMENT AS PROVIDED BY THE ENVIRONMENT PROTECTION (IMPACT OF PROPOSALS) ACT OF 1974. ALTHOUGH THE ACT GRANTS NO VETO POWERS OVER DEVELOPMENTAL DECISION-MAKING, IT DOES, NEVERTHELESS, REQUIRE DECISION-MAKERS TO CONSIDER DEEPLY THE ENVIRONMENTAL FACTORS INVOLVED IN A WIDE RANGE OF DEVELOPMENTAL ACTIVITY REALIZED BY THE GOVERNMENT. IN THIS REGARD THE PAPER ELABORATES UPON THE SCOPE OF THE ACT; THE ADMINISTRATIVE PROCEDURES WHICH PROVIDE THE BASIS FOR THE IMPACT ASSESSMENT TECHNIQUE; THE DIFFERENT STAGES OF ENVIRONMENTAL DOCUMENTATION AND REVIEW; PREPARATION AND REVIEW OF THE IMPACT STATEMENT; TIMING OF ENVIRONMENTAL IMPACT ASSESSMENT; RESPONSIBILITIES OF THE MINISTRIES; AND THE INTERFACE WITH STATE GOVERNMENTS IN ADMINISTERING THE ACT.

AUSTRALIA AUSTRALIAN HERITAGE COMMISSION ACT, NO. 57 OF 1975
EPA
LR(A) ENGLISH 00/00/75 PGS 1-17 ID# 05079A

THIS ACT, CONSISTING OF 48 ARTICLES DIVIDED INTO EIGHT PARTS, CREATES THE AUSTRALIAN HERITAGE COMMISSION TO ADMINISTER AND PROTECT THE AUSTRALIAN NATIONAL ESTATE. PART ONE STATE THE SHORT TITLE, GIVES THE COMMENCEMENT DATE, DEFINES PERTINENT TERMS, AND SPECIFIES THAT THE NATIONAL ESTATE SHALL CONSIST OF THOSE PLACES OF THE NATURAL OR CULTURAL ENVIRONMENT, INCLUDING TERRITORIAL WATERS, WHICH HAVE AESTHETIC, HISTORIC, SCIENTIFIC OR SOCIAL SIGNIFICANCE OR OTHER SPECIAL VALUE. PARTS II, III, VI, AND VII PROVIDE FOR THE ESTABLISHEMENT OF THE COMMISSION, DELINEATING ITS FUNCTIONS, POWERS, CONSTITUTION, STAFFING, FINANCING AND OTHER FEATURES. PART IV DEFINES THE REGISTER OF THE NATIONAL ESTATE, PART V SETS FORTH ADMINISTRATIVE PROVISIONS RELATING TO THE PROTECTION OF THE NATIONAL ESTATE, AND PART VIII LISTS MISCELLANEOUS PROVISIONS CONCERNING THE REPORTING, INQUIRIES, COMMITTEES, CONSULTANTS, DELEGATIONS AND REGULATIONS RELATIVE TO THE ACT'S OPERATION. THE AUSTRALIAN HERITAGE COMMISSION AMENDMENT ACT, NO. 135 OF 1976 IS ATTACHED.

AUSTRALIA AGREEMENT ON GUIDELINES FOR COOPERATION IN ENVIRONMENTAL ANALYSIS OF PROPOSALS
.../ARRANGEMENTS CONCERNING COOPERATION IN THE ENVIRONMENTAL ASSESSMENT OF PROPOSALS...
EPA
PM(B) ENGLISH 05/17/77 PGS 1-3 ID# 05062A

THIS AGREEMENT, SIGNED BY THE AUSTRALIAN COMMONWEALTH ENVIRONMENT MINISTER AND THE STATE ENVIRONMENT MINISTER OF WESTERN AUSTRALIA, SETS FORTH THE OBJECTIVES AND COLLABORATIVE PROCEDURES FOR ENVIRONMENTAL ANALYSIS OF DEVELOPMENT PROPOSALS REQUIRING BOTH COMMONWEALTH AND STATE APPROVAL. SPRINGING FROM THE AGREEMENT, THE ATTACHED "ARRANGEMENTS CONCERNING COOPERATION IN ENVIRONMENTAL PROPOSALS BETWEEN THE COMMONWEALTH DEPARTMENT OF THE ENVIRONMENT...AND THE WESTERN AUSTRALIAN DEPARTMENT OF CONSERVATION AND ENVIRONMENT" WERE DRAWN UP ON JULY 15, 1977. THE ARRANGEMENTS REITERATE THE OBJECTIVES OF THE AGREEMENT, CLARIFY THE DISTRIBUTION OF RESPONSIBILITIES BETWEEN THE COMMONWEALTH AND STATE GOVERNMENTS IN JOINT ENVIRONMENTAL ASSESSMENT COOPERATION, AND SET FORTH CONCRETE ENVIRONMENTAL ASSESSMENT PROCEDURES FOR BOTH GOVERNMENTS ON THE DEPARTMENTAL LEVEL. (AN ATTACHED PRESS RELEASE EXPLAINS THE BACKGROUND FOR THE AGREEMENT AND CITES SOME OF ITS SALIENT FEATURES.)

GENERAL

AUSTRALIA SPEECH BY THE MINISTER FOR ENVIRONMENT, HOUSING AND COMMUNITY DEVELOPMENT, MR. KEVIN NEWMAN, ON THE COMMONWEALTH ROLE IN ENVIRONMENTAL IMPACT ASSESSSMENT
NEWMAN, KEVIN EPA
PM(B) ENGLISH 06/16/77 PGS 1-9 ID# 05073A

THIS SPEECH, DEVLIVERED BY THE AUSTRALIAN MINISTER OF THE ENVIRONMENT TO THE NATIONAL CONSERVATION COUNCIL OF NEW SOUTH WALES ON JUNE 16,1977, EMPHASIZES THE COMMONWEALTH GOVERNMENT'S CONCERN OVER ENVIRONMENTAL ASSESSMENT AND CLARIFIES THE RESPECTIVE ROLES OF THE COMMONWEALTH AND STATE GOVERNMENTS IN THIS MATTER. BY WAY OF INTRODUCTION, THE MINISTER REVIEWS THE BACKGROUND AND CURRENT SITUATION OF COMMONWEALTH AND STATE IMPACT ASSESSMENT POLICIES AND PROCEDURES, WHICH HAVE SPRUNG FROM THE PASSAGE OF THE ENVIRONMENTAL PROTECTION ACT OF 1974 AND THE SUBSEQUENT ADMINISTRATIVE PROCEDURES MADE IN 1975 UNDER THE ACT. THE MAJOR PART OF THE SPEECH CONCERNS THE NEGOTIATIONS BETWEEN THE COMMONWEALTH AND STATE ENVIRONMENTAL MINISTERS IN BRINGING ABOUT JOINT COOPERATION BETWEEN THE COMMONWEALTH AND STATE GOVERNMENTS IN ENVIRONMENTAL ASSESSMENT OF MAJOR PROJECTS. THE COMMONWEALTH REVIEW OF ITS ROLE IN ENVIRONMENTAL ASSESSMENT IS ALSO DISCUSSED AND ILLUSTRATED BY SOME PARTICULAR CONSERVATION ISSUES WHICH ARE CURRENTLY OF CONCERN.

AUSTRALIA GUIDELINES AND PROCEDURES FOR ENVIRONMENTAL IMPACT STUDIES (TASMANIA)
TASMANIA. DEPARTMENT OF THE ENVIRONMENT EPA
PM(B) ENGLISH 00/00/00 PGS 1-15 ID# 05076A
ALSO SE

IN VIEW OF THE TASMANIAN GOVERNMENT POLICY REQUIRING ENVIRONMENTAL IMPACT STUDIES FOR FUTURE DEVELOPMENT PROJECTS LIKELY TO HAVE SIGNIFICANT IMPACTS ON THE ENVIRONMENT, THIS MANUAL SETS FORTH THE NECESSARY GUIDELINES FOR DECISION MAKERS AND OTHERS INVOLVED IN DEVELOPMENT ACTIVITIES AND FOR THOSE INVOLVED IN THE IMPACT STUDY OF DEVELOPMENT ACTIVITIES. THE INTRODUCTION STATES THE NEED FOR ENVIRONMENT IMPACT ASSESSMENT AND DESCRIBES SOME OF THE FUNCTIONS OF THE ENVIRONMENTAL IMPACT STUDY ASSESSMENT GROUP. THE GOVERNMENT POLICY STATEMENT ON IMPACT ASSESSMENT IS ALSO REPRINTED. THE IMPACT PROCEDURES IN THE MANUAL SPECIFY WHEN AND UNDER WHAT CIRCUMSTANCES AN IMPACT STUDY IS NEEDED, WHO IS RESPONSIBLE FOR REALIZING THE STUDY, THE CONTENTS OF THE STUDY, AND THE REVIEW AND ASSESSMENT PROCEDURES FOR THE STUDY. A FLOW CHART OF PROCEDURES IS ALSO PROVIDED. APPENDIXES CONTAIN AN ENVIRONMENTAL REPORT FORM AND LIST: TYPES OF PROJECTS REQUIRING IMPACT STUDIES; CHARACTERISTICS OF ENVIRONMENTAL QUALITY; AND ACTIONS WHICH MAY CAUSE ENVIRONMENTAL IMPACTS.

AUSTRALIA GUIDELINES FOR APPLICATION OF ENVIRONMENTAL IMPACT POLICY IN NEW SOUTH WALES
NEW SOUTH WALES. MINISTER FOR ENVIRONMENTAL CONTROL EPA
PM(B) ENGLISH 00/00/73 PGS 1-70 ID# 05078A
ALSO SE

THE ENVIRONMENTAL IMPACT POLICY OF NEW SOUTH WALES, AUSTRALIA REQUIRES THAT 1) THE IMPACTS OF DEVELOPMENT UPON THE ENVIRONMENT MUST BE ASSESSED BY THE DEVELOPER; 2) THE AUTHORITY GRANTING CONSENT TO A DEVELOPMENT PROJECT MUST ASSURE AN ASSESSMENT HAS BEEN MADE; AND 3) THE DEVELOPMENT PLAN ULTIMATELY SELECTED MUST CONTAIN ADEQUATE ENVIRONMENTAL SAFEGUARDS REFLECTING THE IMPACT ASSESSMENT. THIS MANUAL SETS FORTH THE ADMINISTRATIVE GUIDELINES TO ENSURE THE IMPLEMENTATION OF THIS POLICY. PART ONE OF THE MANUAL DEFINES PERTINENT IMPACT AUTHORITIES AND REPORTING PROCEDURES; PART TWO CLARIFIES THE BACKGROUND AND OBJECTIVES OF THE ENVIRONMENTAL IMPACT POLICY; PART THREE DELINEATES RESPONSIBILITIES OF DEVELOPERS AND AUTHORITIES UNDER THE ENVIRONMENTAL IMPACT POLICY; AND PART FOUR SETS FORTH THE TECHNIQUES FOR ASSESSING ENVIRONMENTAL IMPACT, INCLUDING PRELIMINARY REPORTING AND PREPARATION OF THE ENVIRONMENTAL IMPACT STATEMENT.

GENERAL

AUSTRALIA PROVISIONAL PROCEDURES FOR ENVIRONMENTAL ASSESSMENT OF NEW PROJECTS AND PROPOSALS IN WESTERN AUSTRALIA
BROWNE-COOPER, P. J. EPA
PM(B) ENGLISH 07/19/76 PGS 24-37 ID# 05082A
ALSO SE

THESE DRAFT PROCEDURES WERE SUBMITTED BY THE WESTERN AUSTRALIAN DEPARTMENT OF CONSERVATION AND ENVIRONMENT AS A WORKING PAPER AT THE ENVIRONMENTAL ASSESSMENT WORKSHOP HELD IN PERTH DURING JULY 1976. THEY ARE PROPOSED BY THE DEPARTMENT TO ASSIST STATE AGENCIES AND PRIVATE CONCERNS IN THE ASSESSMENT OF DEVELOPMENT PROPOSALS UNDER THE 1971 ENVIRONMENTAL PROTECTION ACT. BACKGROUND INFORMATION IS GIVEN CONCERNING THE ROLE OF THE STATE ENVIRONMENT PROTECTION AUTHORITY, THE CONSERVATION AND ENVIRONMENT COUNCIL, AND THE DEPARTMENT OF CONSERVATION AND ENVIRONMENT IN ENVIRONMENTAL IMPACT ASSESSMENT MATTERS. PROCEDURES FOR THE REFERRAL OF DEVELOPMENT PROPOSALS FOR CONSIDERATION BY THE ENVIRONMENTAL PROTECTION AUTHORITY ARE GIVEN, AND, FOR THOSE PROPOSALS REQUIRING COMPREHENSIVE ASSESSMENT, PROCEDURES ARE SET FORTH FOR THE IMPLEMENTATION OF AN ENVIRONMENTAL REVIEW AND MANAGEMENT PROGRAM (ERMP).

AUSTRALIA PROVISIONAL WORKING ARRANGEMENTS BETWEEN THE VICTORIAN MINISTRY FOR CONSERVATION AND THE COMMONWEALTH DEPT. OF ENVIRONMENT...IN THE ENVIRONMENTAL ASSESSMENT OF PROPOSALS
EPA
PM(B) ENGLISH 00/00/77 PGS 1-8 ID# 05085A

THESE ARRANGEMENTS HAVE BEEN ADOPTED BY THE AUSTRALIAN COMMONWEALTH (FEDERAL) GOVERNMENT AND THE GOVERNMENT OF THE STATE OF VICTORIA TO COORDINATE THE ENVIRONMENTAL ASSESSMENT OF DEVELOPMENT PROPOSALS IN VICTORIA WHICH REQUIRE THE APPROVAL OF BOTH THE FEDERAL AND VICTORIAN GOVERNMENTS. THE ARRANGEMENTS ALSO SEEK TO PROVIDE FOR MAXIMUM EFFICIENCY IN CARRYING OUT JOINT ENVIRONMENTAL ASSESSMENT IN VICTORIA. CIRCUMSTANCES ARE CLARIFIED IN WHICH DEVELOPMENT PROPOSALS IN THE STATE SHOULD BE ASSESSED EXCLUSIVELY BY EITHER GOVERNMENT OR JOINTLY BY BOTH GOVERNMENTS. ENVIRONMENTAL ASSESSMENT PROCEDURES ARE DELINEATED INVOLVING: JOINT ACTION OF BOTH GOVERNMENTS IN THE EXAMINATION OF PROPOSALS; CONTENT AND PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT; PUBLIC REVIEW; FORM AND CHARACTER OF THE INQUIRY; EXCHANGE OF ASSESSMENTS BETWEEN THE TWO GOVERNMENTS; AND THE RESOLUTION OF CONFLICTING ASSESSMENTS. IT IS AGREED THAT THESE ARE INITIAL ARRANGEMENTS WHICH MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME.

AUSTRALIA ARRANGEMENTS BETWEEN THE TASMANIAN DEPARTMENT OF THE ENVIRONMENT AND THE COMMONWEALTH DEPARTMENT OF ENVIRONMENT...IN THE ENVIRONMENTAL ASSESSMENT OF PROPOSALS
EPA
PM(B) ENGLISH 00/00/77 PGS 1-8 ID# 05086A

THESE ARRANGEMENTS HAVE BEEN ADOPTED BY THE AUSTRALIAN COMMONWEALTH (FEDERAL) GOVERNMENT AND THE STATE GOVERNMENT OF TASMANIA TO COORDINATE THE ENVIRONMENAL ASSESSMENT OF DEVELOPMENT PROPOSALS IN TASMANIA WHICH REQUIRE THE APPROVAL OF BOTH THE FEDERAL AND TASMANIAN GOVERNMENTS. THEY ALSO SEEK TO PROVIDE FOR MAXIMUM EFFICIENCY IN CARRYING OUT JOINT ENVIRONMENTAL ASSESSMENT IN TASMANIA. CIRCUMSTANCES ARE CLARIFIED IN WHICH DEVELOPMENT PROPOSALS IN THE STATE SHOULD BE ASSESSED EXCLUSIVELY BY EITHER GOVERNMENT OR JOINTLY BY BOTH GOVERNMENTS. ENVIRONMENTAL ASSESSMENT PROCEDURES ARE DELINEATED INVOLVING: JOINT ACTION OF BOTH GOVERNMENTS IN THE EXAMINATION OF PROPOSALS; CONTENT AND PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT; PUBLIC REVIEW; FORM AND CHARACTER OF THE INQUIRY; EXCHANGE OF ASSESSMENTS BETWEEN THE TWO GOVERNMENTS; AND THE RESOLUTION OF CONFLICTING ASSESSMENTS. THE ARRANGEMENTS ARE INITIAL PROVISIONS AND MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME.

GENERAL

AUSTRALIA

ARRANGEMENTS BETWEEN THE SOUTH AUSTRALIAN DEPARTMENT FOR THE ENVIRONMENT AND THE COMMONWEALTH DEPARTMENT OF ENVIRONMENT...IN THE ENVIRONMENTAL ASSESSMENT OF PROPOSALS
EPA

PM(B) ENGLISH 00/00/77 PGS 1-8 ID# 05087A

THESE ARRANGEMENTS HAVE BEEN ADOPTED BY THE AUSTRALIAN COMMONWEALTH (FEDERAL) GOVERNMENT AND THE SOUTH AUSTRALIAN STATE GOVERNMENT FOR COORDINATING THE ENVIRONMENTAL ASSESSMENT OF DEVELOPMENT PROPSOSALS IN SOUTH AUSTRALIA WHICH REQUIRE THE APPROVAL OF BOTH THE FEDERAL AND SOUTH AUSTRALIAN GOVERNMENTS. THE ARRANGEMENTS ALSO SEEK TO PROVIDE FOR MAXIMUM EFFICIENCY IN CARRYING OUT JOINT ENVIRONMENTAL ASSESSMENT IN SOUTH AUSTRALIA. CIRCUMSTANCES ARE CLARIFIED IN WHICH PROPOSALS IN THE STATE SHOULD BE ASSESSED EXCLUSIVELY BY EITHER GOVERNMENT OR JOINTLY BY BOTH GOVERNMENTS. ENVIRONMENTAL ASSESSMENT PROCEDURES ARE DELINEATED INVOLVING: JOINT ACTION OF BOTH GOVERNMENTS IN THE EXAMINATION OF PROPOSALS; CONTENT AND PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT; PUBLIC REVIEW; FORM AND CHARACTER OF THE INQUIRY; EXCHANGE OF ASSESSMENTS BETWEEN THE TWO GOVERNMENTS; AND THE RESOLUTION OF CONFLICTING ASSESSMENTS. IT IS AGREED THAT THESE ARE INITIAL ARRANGEMENTS WHICH MAY BE AMENDED OR SUPPLEMENTED FROM TIME TO TIME.

AUSTRALIA

GUIDELINES FOR ENVIRONMENT ASSESSMENT
AUSTRALIA, VICTORIA, MINISTRY FOR CONSERVATION
EPA

PM(B) ENGLISH 01/00/77 PGS 1-15 ID# 05090A
ALSO LRB

THESE GUIDELINES, DIRECTED TO ALL GOVERNMENT DEPARTMENTS, STATUTORY AUTHORITIES AND AGENCIES IN THE STATE OF VICTORIA, AUSTRALIA SET FORTH THE PROCEDURES AND RESPONSIBILITIES FOR THE ENVIRONMENTAL ASSESSMENT OF STATE DEVELOPMENTAL PROPOSALS. THEY ARE BASED ON THE SEPT. 2, 1976 DIRECTIVE OF THE STATE PREMIER, WHICH PRESCRIBES THE BASIC STEPS FOR ENVIRONMENTAL ASSESSMENT AND THE ROLE OF THE STATE DIRECTOR OF CONSERVATION IN THIS AREA. THE DIRECTIVE IS REPRINTED IN THE GUIDELINES. THE GUIDELINES THEMSELVES STATE THE REQUIREMENTS OF STATE AGENCIES IN IMPACT ASSESSMENT, DEFINE WHERE THE GUIDELINES ARE APPLICABLE TO PRIVATE CONCERNS, DESCRIBE THE RELATION BETWEEN THE FEDERAL AND STATE ENVIRONMENTAL MINISTRIES, AND DETERMINE WHEN AN ENVIRONMENTAL IMPACT STATEMENT IS NEEDED AND WHAT THE RESPONSIBLITIES OF THE DEVELOPER AND THE MINISTRY ARE IN ENVIRONMENTAL REPORTING. APPENDIXES TO THE GUIDELINES LIST: 1) PROPOSALS WHICH REQUIRE AN IMPACT REPORT; 2) FORM OF A PRELIMINARY ENVIRONMENT REPORT; AND 3) FORM OF AN IMPACT STATEMENT.

AUSTRALIA

PROCEDURAL MANUAL FOR ENVIRONMENTAL IMPACT STUDIES IN QUEENSLAND
EPA

PM(B) ENGLISH 04/21/75 PGS 1-39 ID# 05103A

SINCE NOVEMBER, 1972 THE POLCIY OF THE STATE GOVERNMENT OF QUEENSLAND, AUSTRALIA HAS REQUIRED THE EVALUATION OF THE ENVIRONMENTAL IMPACTS OF DEVELOPMENT ACTIVITIES AS PART OF THE DECISION MAKING PROCESS. THIS PROCEDURAL MANUAL INDICATES THE MANNER IN WHICH THIS EVALUATION SHOULD BE REALIZED. SECTION ONE OF THE MANUAL CLARIFIES THE FUNCTIONS OF ENVIRONMENTAL IMPACT STUDIES AND DEFINES THE RESPONSIBILITIES AND ROLES OF THE ADMINISTERING AUTHORITY, THE DEVELOPER, THE ADVISORY BODIES, AND THE ENVIRONMENTAL CONTROL COUNCIL IN ENVIRONMENTAL IMPACT STUDY. PROVISIONS ARE ALSO GIVEN FOR PUBLIC INVOLVEMENT IN THIS AREA. SECTION TWO OF THE MANUAL DELINEATES THE ENVIRONMENTAL IMPACT STUDY PROCEDURES, INCLUDING: INITIAL AND ADVISORY PROCEDURES; PROCEDURES FOR PREPARING AN IMPACT STUDY; PROCEDURES FOR ASSESSING THE STUDY; AND PROCEDURES FOR ENVIRONMENTAL INQUIRIES. THE MANUAL ALSO DEFINES PERTINENT TERMS AND PROVIDES A FLOW DIAGRAM OF ENVIRONMENTAL IMPACT STUDY PROCEDURES.

GENERAL

AUSTRIA "MAY 3, 1974 FEDERAL LAW NO. 286 REGARDING RESTORATION OF RESIDENTIAL AREAS (URBAN REDEVELOPMENT ACT)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

EPA

LR(A) GERMAN 05/28/74 PGS 1455-71 ID# 05075A
NOISE LAND USE

UNDER PROVISIONS OF THIS LAW, CERTAIN COMMUNITY AREAS OR PARTS OF THESE AREAS MAY BE DECLARED REDEVELOPMENT AREAS BY THE PROVINCIAL GOVERNMENT IF THEY SHOW STIPULATED DEFECTS OF TOWN PLANNING, WHICH ARE SAID TO EXIST IF THE INHABITANTS OF THE AREA ARE NOT GUARANTEED SAFE AND HEALTHY LIVING CONDITIONS. AMONG CONDITIONS DETRIMENTAL TO HEALTH OR SAFETY ARE THE EFFECTS ON INHABITANTS OF NOISES, VIBRATIONS, SMOKE, DUST, EXHAUST GASES, ODORS AND WATER EMANATING FROM PIECES OF REAL PROPERTY, COMMERCIAL ESTABLISHMENTS, OTHER INSTALLATIONS AND TRAFFIC FACILITIES (SECTION 6.1 AND 6.2(4). BY DEFINITION OF THE LAW, A NORMAL EQUIPMENT OF RESIDENTIAL FACILITIES SHOULD INCLUDE PROTECTION AGAINST NOISE, MOISTURE, EXHAUST FUMES, AND LOSS OF HEAT.

AUSTRIA NATIONAL REPORT--AUSTRIA(TO THE UNITED NATIONS ON THE HUMAN ENVIRONMENT)

EPA

PM(B) ENGLISH PGS 1-65 ID# 05074A
DATE: CA. 1972

SECTION 1 OF THIS REPORT INITIALLY DISCUSSES DEMOGRAPHIC AND GEOGRAPHIC ASPECTS OF HUMAN SETTLEMENT, FOLLOWED BY A REVIEW OF THE PHYSICAL AND BIOLOGICAL PROBLEMS ASSOCIATED WITH HUMAN SETTLEMENT. THESE PROBLEMS INCLUDE THOSE ASSOCIATED WITH WATER SUPPLY, WASTEWATER PURIFICATION, SOLID WASTE DISPOSAL, LAND USE, AND NATURE AND THE LANDSCAPE. ALSO DISCUSSED ARE THE APPROPRIATE USES OF NATURAL RESOURCES, SUCH AS WATER AND MINERALS. THE SOURCES OF, AND DAMAGE CAUSED BY, AIR, WATER AND NOISE POLLUTION AND POLLUTION FROM PLANT PROTECTIVES ARE BRIEFLY ANALYZED. SUPERVISION SYSTEMS AND ECONOMIC QUESTIONS RELATED TO POLLUTION ARE ALSO MENTIONED. SECTION 2 DISCUSSES MEASURES FOR ENVIRONMENTAL PROTECTION AT THE NATIONAL LEVEL AND AT THE INTERNATIONAL LEVEL RELEVANT TO AUSTRIA. PLANNED OR EXISTING MEASURES AT THE NATIONAL LEVEL ARE DISCUSSED IN REGARD TO ORGANIZATIONAL ARRANGEMENTS, LEGISLATION, FISCAL POLICIES, RESEARCH, APPLICATION OF KNOWLEDGE, TRAINING AND INFORMATION, AND PUBLIC INFORMATION.

BRAZIL BASIC LEGISLATION (1977)

EPA

LR(A) PORTUGUESE 00/00/77 PGS 1-30 ID# 04021B
WATER AIR

THIS PUBLICATION, ISSUED BY THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) IS A UPDATED VERSION OF THE 1976 ISSUE OF "BASIC LEGISLATION." IT REPRINTS THE BASIC BRAZILIAN ENVIRONMENTAL LAWS CONTAINED IN THE 1976 VERSION (SEE ID NO. 04021A) AND IN ADDITION REPRINTS THE TEXT OF THE "DECEMBER 7, 1976 REGULATION NO. 0536 ON THE CLASSIFICATION OF BATHING WATERS IN BRAZIL" (SEE ID NO. 03046H).

GENERAL

BRAZIL
PM(B)

STATE FOUNDATION FOR ENVIRONMENTAL ENGINEERING (FEEMA)
RIO DE JANEIRO, STATE FOUNDATION FOR ENV. ENGINEERING EPA
ENGLISH 00/00/77 PGS 11-16 ID# 05068A
ALSO SE

THIS ARTICLE DESCRIBES THE STATE COMMISSION FOR ENVIRONMENTAL CONTROL (CECA) AND THE STATE FOUNDATION FOR ENVIRONMENTAL ENGINEERING (FEEMA) OF THE BRAZILIAN STATE OF RIO DE JANEIRO. IN THIS CONNECTION, BASIC DEMOGRAPHIC CHARACTERISTICS OF THE STATE ARE ALSO GIVEN, AND ENVIRONMENTAL PROBLEMS ASSOCIATED WITH WATER AND AIR POLLUTION, TOURISM AND RECREATION, PEST CONTROL, URBAN GROWTH, DEFORESTATION AND EROSION, AND INDUSTRIAL AND LAND DEVELOPMENT ARE DISCUSSED. CECA HAS REGULATORY FUNCTIONS IN IMPLEMENTING STATE ENVIRONMENTAL POLICY, WHICH PARALLELS THAT OF THE FEDERAL GOVERNMENT: DEVELOPMENT WITH LOW ECOLOGICAL COSTS. FEEMA, WITH ROUGHLY 800 EMPLOYEES, IS THE EXECUTIVE AGENCY OF CECA. THE ADMINISTRATIVE STRUCTURE OF THESE AGENCIES IS EXPLAINED AND ORGANIZATIONAL CHARTS ARE GIVEN. PRESENT ENVIRONMENTAL CONTROL ACTIVITIES INVOLVE DEVELOPMENT OF A PERMIT SYSTEM FOR POLLUTING ACTIVITIES, POLLUTION CONTROL, PEST CONTROL, NATURE CONSERVATION, TOURISM AND RESEARCH.

BRAZIL
PM(B)

PROGRAMA DE ESTACOES ECOLOGICAS (PROGRAM FOR ECOLOGICAL STATIONS)
BRAZIL, SPECIAL SECRETARIAT OF THE ENVIRONMENT EPA
PORTUGUESE 00/00/77 PGS 1-41 ID# 05102A
ALSO SE

THIS PUBLICATION, ISSUED BY THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA), DESCRIBES THE AREA, LOCATION, AND CHARACTERISTICS OF THE 16 ECOLOGICAL STATIONS WHICH ARE TO BE CREATED IN THE VARIOUS ECOLOGICAL REGIONS OF BRAZIL BEGINING IN 1978. THE PROGRAM OF ECOLOGICAL STATIONS, SANCTIONED BY THE SECOND NATIONAL DEVELOPMENT PLAN AND THE SECOND NATIONAL SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT PLAN, WILL BE IMPLEMENTED TO PRESERVE REPRESENTATIVE ECOSYSTEMS OF BRAZIL SO THAT ENVIRONMENTAL STUDIES CAN BE REALIZED AND COMPARISONS MADE WITH NEIGHBORING INHABITED AREAS. IN THIS MANNER, MAN'S IMPACT UPON THE BRAZILIAN ENVIRONMENT CAN BE BETTER EVALUATED. THE 16 STATIONS RANGE IN SIZE FROM 272 HECTARES TO 500,000 HECTARES. THE PUBLICATION MAPS OUT THE AREA AND LOCATION OF EACH STATION, GIVING LATITUDE AND LONGITUDE. TOPOLOGICAL FEATURES AND DESCRIPTIONS OF FLORA AND FAUNA ARE BRIEFLY STATED. OTHER INFORMATION DESCRIBES NEIGHBORING ROADS, RIVERS AND URBAN AREAS. WHERE APPLICABLE, LAWS CREATING THE STATIONS ARE CITED.

CANADA
PM(B)

A GUIDE TO THE FEDERAL ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS
CANADA, ENVIRONMENT CANADA EPA
ENGLISH 02/00/77 PGS 1-21 ID# 05053A

THIS BROCHURE IS DESIGNED TO EXPLAIN CANADA'S ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS, WHICH, IN ACCORDANCE WITH A CABINET DECISION OF DECEMBER 20, 1973, APPLIES TO ALL PROJECTS INITIATED OR SPONSORED BY FEDERAL DEPARTMENTS OR AGENCIES. THE BROCHURE COVERS: A BRIEF HISTORY OF THE PROCESS; THE INITIAL SCREENING OF PROJECTS BY THE DEPARTMENT OR AGENCY CONCERNED; THE INITIAL ENVIRONMENTAL EVALUATION PROCEDURE REQUIRED OF PROJECTS FOR WHICH A DEPARTMENT IS UNABLE TO IDENTIFY THE FULL ENVIRONMENTAL CONSEQUENCES; THE ENVIRONMENTAL ASSESSMENT PANELS FORMED TO REVIEW THE ENVIRONMENTAL CONSEQUENCES OF SPECIFIC PROJECTS; ENVIRONMENTAL IMPACT STATEMENTS; PROCEDURES FOR PUBLIC REVIEW OF SUCH STATEMENTS; AND THE FINAL DECISION ON A PROJECT SUBJECTED TO THE EXTENDED REVIEW PROCESS, WHICH FALLS TO THE MINISTER OF FISHERIES AND THE ENVIRONMENT. AN INTRODUCTORY STATEMENT BY THE CHAIRMAN OF THE ENVIRONMENTAL ASSESSMENT PANEL TAKES NOTE OF SEVERAL ADJUSTMENTS TO THE PROCESS AS APPROVED BY THE CABINET IN FEBRUARY 1977.

GENERAL

CANADA
REGISTER OF PANEL PROJECTS SUBMITTED UNDER THE FEDERAL ENVIRONMENTAL
ASSESSMENT AND REVIEW PROCESS, NO. 1
CANADA, FISHERIES AND ENVIRONMENT CANADA EPA
PM(B) ENGLISH 07/00/77 PGS 1-38 ID# 05054A

UNDER THE CANADIAN FEDERAL ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS, CERTAIN GOVERNMENT AND GOVERNMENT-SPONSORED PROJECTS MUST BE SUBMITTED FOR A FORMAL IN-DEPTH ENVIRONMENTAL ASSESSMENT CONDUCTED UNDER GUIDELINES ISSUED FOR THE PREPARATION OF ENVIRONMENTAL IMPACT STATEMENTS. SUCH STATEMENTS ARE PREPARED BY A PANEL FORMED SPECIFICALLY FOR THE CONSIDERATION OF A PROJECT. THIS REGISTER, THE FIRST ISSUE OF A PLANNED QUARTERLY SERIES, IS INTENDED TO PROVIDE PUBLIC AND PRIVATE AGENCIES, INTEREST GROUPS AND MEMBERS OF THE GENERAL PUBLIC WITH CURRENT INFORMATION ON PROJECTS UNDER CONSIDERATION BY PANELS. THE FIRST SECTION CONTAINS INFORMATION ON EIGHTEEN PANEL PROJECTS, INCLUDING: PROJECT TITLE, PROJECT LOCATION, IDENTIFICATION OF PROPONENT AND/OR INITIATOR, PROJECT DESCRIPTION, POSSIBLE ENVIRONMENTAL IMAPCTS, PRESENT STATUS UNDER THE ENVIRONMENTAL ASSESSMENT AND REVIEW (EAR) PROCESS, AND FUTURE PANEL EVENTS. SECTION TWO PROVIDES INFORMATION ON THE ADMINISTRATION OF THE EAR PROCESS; FEDERAL EAR OFFICE STAFF IS LISTED.

CANADA
ALASKA HIGHWAY PIPELINE: INTERIM REPORT OF THE ENVIRONMENTAL ASSESSMENT PANEL
CANADA, ENVIRONMENT CANADA EPA
PM(B) ENGLISH* 07/27/77 PGS 1-55 ID# 05061A
*ALSO FRENCH
LAND USE

THE ALASKA HIGHWAY PIPELINE PROJECT INVOLVES CONSTRUCTION OF A BURIED GAS-TRANSMISSION PIPELINE AND ANCILLARY STRUCTURES IN THE SOUTHERN YUKON TO CARRY ALASKAN GAS TO THE LOWER 48 STATES. SINCE THE PROJECT INVOLVES TRAVERSAL OF FEDERALLY ADMINISTERED LANDS AND ALSO HAS POTENTIALLY SIGNIFICANT ENVIRONMENTAL IMPACT, IT WAS REFERRED TO THE MINISTRY OF FISHERIES AND THE ENVIRONMENT FOR REVIEW BY AN ENVIRONMENTAL ASSESSMENT PANEL IN MARCH 1977. VARIOUS FACTORS, INCLUDING A TIME SHORTAGE AND THE EXISTENCE OF COMPETING PIPELINE PROJECTS, MEANT THE PANEL COULD NOT FOLLOW NORMAL PROCEDURES; IT WAS INSTEAD INSTRUCTED TO REVIEW EXISTING DATA, SEEK PUBLIC AND PROFESSIONAL OPINION AND SUBMIT AN INTERIM REPORT BY AUGUST 1977. THE RESULTING REPORT COVERS: PHYSICAL AND ENGINEERING CONCERNS, BIOLOGICAL CONCERNS; SENSITIVE AREAS; ASSOCIATED DEVELOPMENTS; AND ALTERNATIVE PIPELINE ROUTES. THE PANEL CONCLUDED THAT THE PROPOSED PIPELINE CAN BE CONSTRUCTED AND OPERATED IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, CONTINGENT ON THE MEETING OF CERTAIN LISTED CONDITIONS.

CANADA
GUIDELINES FOR PREPARING INITIAL ENVIRONMENTAL EVALUATIONS
CANADA, ENVIRONMENT CANADA, ENVIRONMENTAL ASSESSMENT PANEL EPA
PM(B) ENGLISH 10/00/76 PGS 1-182 ID# 05070A

UNDER THE CANADIAN ENVIRONMENTAL ASSESSMENT PROCESS, INITIATORS OF FEDERAL GOVERNMENT OR FEDERAL GOVERNMENT SPONSORED PROJECTS FOR WHICH THE NATURE OF POTENTIALLY ADVERSE ENVIRONMENTAL EFFECTS IS NOT FULLY KNOWN MUST PRODUCE AN INITIAL ENVIRONMENTAL EVALUATION (I.E.E) IDENTIFYING ENVIRONMENTAL CONSEQUENCES AND ASSESSING THEIR SIGNIFICANCE. SUCH I.E.E.'S ARE THEN REVIEWED, AND A DECISION IS REACHED AS TO WHETHER A PANEL IS TO BE ESTABLISHED TO REVIEW A PROJECT AND DEVELOP GUIDELINES FOR AN ENVIRONMENTAL IMPACT STATEMENT. THE PRESENT PUBLICATION CONTAINS "GENERIC" GUIDELINES DESIGNED TO ASSIST INDIVIDUALS PREPARING I.E.E.'S FOR CERTAIN TYPES OF PROJECTS: OIL AND GAS EXPLORATION AND PRODUCTION; OIL AND GAS PIPELINES, ELECTRICAL POWER LINES, HIGHWAYS AND RAILWAYS; HYDROELECTRIC AND OTHER WATER DEVELOPMENT PROJECTS; FOSSIL FUEL POWER GENERATION; NUCLEAR POWER PLANTS; AIRPORTS; PORTS; MINING DEVELOPMENTS; AND INDUSTRIAL DEVELOPMENTS. THESE GUIDELINES ARE TO BE SUPPLEMENTED, AND "GENERAL" GUIDELINES COVERING OTHER PROJECTS ARE ALSO TO BE ISSUED.

GENERAL

CANADA

GUIDELINES TO PREPARE AN ENVIRONMENTAL IMPACT STATEMENT FOR THE PROPOSED ELDORADO NUCLEAR URANIUM REFINERIES
CANADA, ENVIRONMENT CANADA EPA
PM(B) ENGLISH 06/00/76 PGS 1-10 ID# 05072A

THESE GUIDELINES, PREPARED BY THE GUIDELINES TASK FORCE, PROVIDE AN OUTLINE FOR THE ENVIRONMENTAL IMPACT STATEMENT TO BE PREPARED BY ELDORADO NUCLEAR LIMITED FOR ITS PROPOSED EXPANSON IN ONTARIO. THE REQUIREMENTS IN THE GUIDELINES ARE PRESENTED IN A MANNER INTENDED TO LEAD TO A "TOTALLY OBJECTIVE REVIEW OF THE ANTICIPATED EFFECTS OF THE PROJECT ON THE RECOMMENDED SITE FROM AN ENVIRONMENTAL STANDPOINT." IN ACCORDANCE WITH THE GUIDELINES, THE FOLLOWING INFORMATION IS TO BE PRESENTED: RATIONALE FOR THE PROJECT; CONSIDERATION OF ALTERNATIVE SITES; PROJECT DESCRIPTION, INCLUDING INFORMATION ON WASTE DISCHARGES FROM THE EXPANDED FACILITY; AN INVENTORY OF THE ENVIRONMENTAL FEATURES OR FACTORS TO BE CONSIDERED IN DETAIL FOR THE SITE; ASSESSMENT OF ENVIRONMENTAL IMPACT BASED ON THE DATA CONTAINED IN THE PRECEDING SECTIONS; AND AN OVERVIEW SUMMARY CONSOLIDATING THE IMPORTANT FINDINGS OF THE REPORT.

DENMARK

ORGANIZATION OF THE NATIONAL AGENCY OF ENVIRONMENTAL PROTECTION, DENMARK
DENMARK, NATIONAL AGENCY OF ENVIRONMENTAL PROTECTION EPA
PM(A) ENGLISH 11/00/76 PGS 103 ID# 05091A

THE ORGANIZATION OF THE NATIONAL DANISH AGENCY OF ENVIRONMENTAL PROTECTION IS OUTLINED IN THIS PUBLICATION. THE AGENCY IS HEADED BY A DIRECTOR GENERAL ASSISTED BY A DEPUTY DIRECTOR GENERAL. THE FOLLOWING OF ITS OFFICES ARE REVIEWED: THE SECRETARIAT; THE LAW OFFICE; ECONOMY AND LAW; DOCUMENTATION AND ARCHIVES; ECOLOGY AND HYGIENE; WATER RESOURCES AND SUPPLY; RESEARCH OFFICE; PUBLIC WASTEWATER PLANTS; TRAFFIC AND TRAFFIC INFRASTRUCTURE; INDUSTRIAL OFFICE; ENVIRONMENTAL INVESTMENT; AND POISONS AND PESTICIDES. IN ADDITION, A CONTINGENCY UNIT DEVELOPS CONTINGENCY PLANS FOR POLLUTION OF THE SEA BY OIL AND CHEMICALS AND INCIDENTS ON LAND INVOLVING POISONS AND TOXIC SUBSTANCES, NUCLEAR POWER PLANTS, ETC. THE NAME OF EACH OFFICE HEAD IS ALSO INCLUDED.

FRANCE

"HOW AND ON WHAT TERMS?" LE MONDE
AMBROISE-RENDU, MARC EPA
LR(B) FRENCH 09/13/77 PGS 17 ID# 05042A

THIS DISCUSSION OF THE DRAFT DECREE IMPLEMENTING THE FRENCH NATURE PROTECTION LAW'S IMAPCT STUDY ARTICLE POINTS OUT WHAT ARE PRESENTED AS SHORTCOMINGS BY THE AUTHOR. THESE ARE AS FOLLOWS: 1) THE ABSENCE OF AN EXACT CHECK-LIST DESIGNATING THE CONTENTS OF THE STUDY; 2) THE FAILURE TO SPECIFY THAT THE STUDY IS TO ENCOMPASS HUMAN GEOGRAPHY AS WELL AS THE NATURAL ENVIRONMENT; 3) THE INEQUITABLE DETERMINATION OF THE PROJECTS WHICH ARE TO BE EXEMPT FROM THE PRELIMINARY STUDY; 4) THE NON-RETROACTIVE CHARACTER OF THE DECREE, WHICH WOULD EFFECTIVELY ENABLE THE EXEMPTION OF CERTAIN CONTROVERSIAL PROJECTS; 5) THE FAILURE OF THE DECREE TO DESIGNATE A STUDY REVIEWING ORGAN; AND 6) THE INADEQUATE MEASURES WHICH ARE SET FORTH FOR THE PUBLIC AVAILABILITY OF THE STUDIES.

GENERAL

FRANCE "IMPLEMENTATION OF THE NATURE PROTECTION LAW." LE MONDE
EPA
LR(B) FRENCH 09/13/77 PGS 17 ID# 05043A

ON JULY 10, 1976 THE FRENCH LAW ON THE PROTECTION OF NATURE WAS APPROVED. AMONG ITS ARTICLES IS THE CONTROVERSIAL PROVISION REQUIRING ENVIRONMENTAL IMPACT STUDIES. THE IMPLEMENTING DECREE PERTAINING TO THIS PROVISION IS NOW UNDER CONSIDERATION, AND THIS ARTICLE REVIEWS ITS MAKE-UP. DESIGNATED ARE THE PROJECTS AND WORKS WHICH ARE TO REQUIRE PRELIMINARY IMPACT STUDIES. SPECIFIED ARE THE CONTENTS OF THE IMPACT DOSSIER. THESE INCLUDE: AN ENVIRONMENTAL REPORT ON THE PRE-PROJECT SITE; AN ANALYSIS OF THE EFFECTS OF THE PLANNED PROJECT; AND A LIST OF THE MEASURES WHICH ARE INTENDED TO ALLEVIATE OR REMEDY ANY DAMAGING EFFECTS. ALSO COVERED ARE: THE ASSUMPTION OF COSTS; THE EXEMPTION OF NON-QUALIFYING PROJECTS; AND THE ACCESSIBILITY OF THE DOSSIER TO THE PUBLIC.

FRANCE "MUNICIPAL FEDERATIONS." NUISANCES ET ENVIRONNEMENT, NO. 63
EPA
PM(B) FRENCH 09/00/77 PGS 65-67 ID# 05115A

THE FEDERATION OF MUNICIPALITIES, ACCORDING TO THIS ARTICLE, IS AN OLD FRENCH INSTITUTION ESTABLISHED TO MAKE COOPERATION AMONG MUNICIPALITIES POSSIBLE IN THE ADMINISTRATION OF SERVICES ADJUDGED OF JOINT INTEREST. THE AUTHOR OF THE ARTICLE EXAMINES THE ROLE OF INTERMUNICIPAL FEDERATIONS IN THE PROTECTION OF THE ENVIRONMENT AND THE ERADICATION OF POLLUTION, A ROLE WHOSE ORIGIN IS TRACED TO MAYORAL POLICE POWERS RELATIVE TO THE PUBLIC HEALTH. THE LEGAL BASES OF MUNICIPAL FEDERATIONS ARE OUTLINED IN THE FIRST SECTION, AND THEIR FUNCTIONS AND COMPOSITION, AS DEFINED BY THE CODE OF MUNICIPAL ADMINISTRATION, ARE DISCUSSED. PRACTICAL ILLUSTRATIONS OF THE FEDERATIONS' WORKINGS AND ACTIVITIES IN THE FIELDS OF FOREST MANAGEMENT, WASTE DISPOSAL, AND WASTEWATER TREATMENT ARE PRESENTED IN THE CONCLUDING SECTION.

INTERNATIONAL INTERNATIONAL CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES FOR SPANISH-SPEAKING COUNTRIES (TRAINING COURSE PROSPECTUSES)
INT CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES... EPA
PM(B) SPANISH 00/00/77 PGS ID# 05055A
VARIOUSLY PAGINATED

THESE 25 BOOKLETS REPRESENT THE PROSPECTUSES OF THE TRAINING COURSES OFFERED BETWEEN 1976 AND 1977 BY THE INTERNATIONAL CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES FOR SPANISH-SPEAKING COUNTRIES (CIFCA). EACH PROSPECTUS CONTAINS AN INTRODUCTION, A COURSE CALENDAR, AND AN EXPLANATION OF THE COURSE OBJECTIVES AND OTHER FEATURES. FOURTEEN COURSES, INCLUDING THE CIFCA INAUGURAL SEMINAR, WERE HELD IN SPAIN, FOUR COURSES WERE HELD IN ARGENTINA, TWO WERE HELD IN MEXICO, TWO IN PERU, AND ONE EACH IN CHILE, COSTA RICA AND COLOMBIA. COURSE TITLES INCLUDE: INAUGURAL SEMINAR; ENVIRONMENTAL MANAGEMENT IN DEVELOPMENT; MARINE DETERIORATION; GROUNDWATER POLLUTION; ENVIRONMENTAL IMPACT; LOCAL CORPORATIONS AND ENVIRONMENT; SOLID WASTE PROBLEMS; ENVIRONMENTAL PLANNING OF TOWNS; ENVIRONMENTAL IMPACT OF LARGE DAMS; WATER TREATMENT TECHNOLOGY OF DEVELOPING COUNTRIES; HUMAN HABITAT; ENVIRONMENTAL ASPECTS OF WATER RESOURCES MANAGEMENT; ECOLOGY AND DEVELOPMENT; ARID AND SEMIARID ECOSYSTEMS IN LATIN AMERICA.

GENERAL

INTERNATIONAL

PM(B)

RELACION DE DOCUMENTOS CIFCA DISPONIBLES EN MICROFICHA (LIST OF CIFCA DOCUMENTS AVAILABLE ON MICROFICHE)
INTL. CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES... EPA
SPANISH 00/00/00 PGS 0077 1-32 ID# 05059A

THIS LIST NAMES THE DOCUMENTS AVAILABLE ON MICROFICHE FROM THE INTERNATIONAL CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES FOR SPANISH-SPEAKING COUNTRIES (CIFCA). THE LISTED DOCUMENTS INCLUDE THE INFORMATIVE AND WORKING DOCUMENTS GENERATED BY CIFCA'S INAUGURAL SEMINAR, CONFERENCES AND TRAINING COURSES HELD BETWEEN MAY 1976 AND MAY 1977. THE DOCUMENTS DEAL WITH SEVERAL ENVIRONMENTAL AND INTERDISCIPLINARY TOPICS. THE TRAINING COURSES HAVE PRODUCED NUMEROUS DOCUMENTS DEALING SPECIFICALLY WITH ENVIRONMENTAL IMPACT; GROUNDWATER POLLUTION; ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT; LOCAL CORPORATIONS AND THE ENVIRONMENT; SOLID WASTE PROBLEMS; ENERGY, DEVELOPMENT AND THE ENVIRONMENT; AND ENVIRONMENTAL MANAGEMENT IN THE VALENCIA REGION. THE TITLE, CODE NUMBER AND, WHERE APPLICABLE, THE AUTHOR OF EACH DOCUMENT IN THE LIST ARE GIVEN.

INTERNATIONAL

PM(B)

EL CIFCA Y LA FORMACION AMBIENTAL (CIFCA AND ENVIRONMENTAL TRAINING)
INTL. CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES EPA
SPANISH* 00/00/77 PGS 1-83 ID# 05111A
*ALSO ENGLISH

THIS BOOKLET DESCRIBES THE INTERNATIONAL CENTER FOR TRAINING IN ENVIRONMENTAL SCIENCES FOR SPANISH SPEAKING COUNTRIES (CIFCA), WHICH IS HEADQUARTERED IN MADRID. FOLLOWING A CONSIDERATION OF THE NEEDS AND CHARACTERISTICS OF ENVIRONMENTAL EDUCATION IN SPANISH SPEAKING COUNTRIES, THE BACKGROUND TO THE CREATION OF CIFCA IS EXPLAINED AS WELL AS CIFCA'S PRESENT ROLE IN PROMOTING THE ENVIRONMENTAL EDUCATION OF SPANISH AND LATIN AMERICAN DECISION MAKERS THROUGH THE OFFERING OF COURSES AND SEMINARS ON VARIOUS ENVIRONMENTAL TOPICS. DISCUSSED ARE THE STATUS OF CIFCA, ITS FUTURE PLANS, AND THE ORGANIZATION OF ITS COURSES AND SEMINARS. A LIST OF COURSES OFFERED BY CIFCA AND COOPERATING SPANISH AND LATIN AMERICAN INSTITUTIONS IS APPENDED. ALSO APPENDED ARE THE PROCEEDINGS OF THE MEETING ON HIGHER ENVIRONMENTAL EDUCATION, SPONSORED BY CIFCA. (THE ATTACHED ENGLISH VERSION OF THE BOOKLET OMITS THE LAST APPENDED ITEM OF THE SPANISH VERSION.)

INTERNATIONAL

PM(B)

CENTRO INTERNACIONAL DE FORMACION EN CIENCIAS AMBIENTALES PARA PAISES DE HABLA ESPANOLA (INTL. CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES....)
INTL. CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES EPA
SPANISH 00/00/77 PGS 1-10 ID# 05123A

THIS BOOKLET DESCRIBES THE BACKGROUND, OBJECTIVES, AND PROGRAMS OF THE INTERNATIONAL CENTER FOR TRAINING IN ENVIRONMENTAL SCIENCES FOR SPANISH-SPEAKING COUNTRIES (CIFCA), WHICH WAS CREATED BY AGREEMENT BETWEEN UNEP AND THE GOVERNMENT OF SPAIN TO PROVIDE ENVIRONMENTAL TRAINING TO THE INSTITUTIONS AND DECISION MAKERS OF SPANISH-SPEAKING COUNTRIES, WITH THE AIM OF MAKING ENVIRONMENTAL PROTECTION COMPATIBLE WITH INDUSTRIAL DEVELOPMENT POLICIES. THE PROGRAM AREAS OF CIFCA ARE 1) THE PROGRAM FOR BASIC TRAINING COURSES, INCLUDING GENERAL THREE-MONTH COURSES, TWO-WEEK TRAINING COURSES FOR DECISION MAKERS, AND INTERDISCIPLINARY SEMINARS; 2) SPECIAL COURSE PROGRAM, WHICH INVOLVES MORE SPECIALIZED TRAINING IN ENVIRONMENTAL SCIENCES; 3) DOCTORAL PROGRAM, WHICH IS INVESTIGATING THE FEASIBILITY OF INSTITUTING DOCTORAL PROGRAMS IN UNIVERSITIES; 4) THE INFORMATION AND COMMUNICATION PROGRAM, AIMED AT THE BIBLIOGRAPHIC CONTROL, PUBLICATION AND DISSEMINATION OF ENVIRONMENTAL MATERIALS; AND 5) ADVISORY SERVICES TO SOLICITING GOVERNMENTS.

GENERAL

INTERNATIONAL
PM(B)

INTERNATIONAL CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES (CIFCA)
INTL. CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES EPA
ENGLISH 00/00/77 PGS 1-6 ID# 05124A

THIS BOOKLET SUMMARIZES EVENTS LEADING UP TO THE CREATION OF THE INTERNATIONAL CENTER FOR TRAINING IN THE ENVIRONMENTAL SCIENCES (CIFCA) AND DESCRIBES THE GOALS AND PROGRAMS OF THIS CENTER. CIFCA WAS CREATED BY AGREEMENT BETWEEN UNEP AND THE SPANISH GOVERNMENT TO PROVIDE TRAINING TO THE INSTITUTIONS AND DECISIONS MAKERS OF SPANISH-SPEAKING COUNTRIES SO THAT ENVIRONMENTAL FACTORS COULD BE ADEQUATELY CONSIDERED IN NATIONAL DEVELOPMENT ACTIVITIES. THE TRAINING IS OFFERED THROUGH PROGRAMS WHICH INCLUDE GENERAL AND SPECIALIZED COURSES IN THE ENVIRONMENTAL SCIENCES AS WELL AS DOCTORAL PROGRAMS IN ENVIRONMENTAL SCIENCES. OTHER PROGRAMS OF CIFCA WILL OPERATE INFORMATION AND COMMUNICATIONS SYSTEMS AND ADVISORY SERVICES TO LATIN AMERICAN GOVERNMENTS WHICH REQUEST AID IN THE TRAINING OF PERSONNEL IN THE ENVIRONMENTAL SCIENCES. CIFCA, HEADQUARTERED IN MADRID, WILL WORK IN COOPERATION WITH THE UNITED NATIONS' ENVIRONMENTAL AGENCIES AND WITH OTHER INTERNATIONAL ENVIRONMENTAL ORGANIZATIONS.

INTERNATIONAL
SE( )

EVALUACION ECONOMICA DEL IMPACTO AMBIENTAL (ECONOMIC EVALUATION OF ENVIRONMENTAL IMPACT)
LOPEZ DE SEBASTIAN Y GOMEZ DE AGUERO, JOSE EPA
SPANISH 00/00/77 PGS 1-85 ID# 05081A

THIS PUBLICATION OF THE INTERNATIONAL CENTER FOR TRAINING IN ENVIRONMENTAL SCIENCES FOR SPANISH-SPEAKING COUNTRIES ANALYZES THE METHODS FOR EVALUATING THE ECONOMIC IMPACT OF ENVIRONMENTAL PROTECTION. PART ONE OF THE PUBLICATION DISCUSSES SOME GENERAL ECONOMIC CONCEPTS; THE COST/BENEFIT METHOD; EXTERNAL ECONOMIC FACTORS ARISING OUT OF ENVIRONMENTAL PROTECTION AS ILLUSTRATED IN CERTAIN REGIONS OF SPAIN; REGIONAL ECONOMIC PROBLEMS CONCERNING THE ENVIRONMENT; AND REGIONAL ECONOMIC-ECOLOGICAL SYSTEMS. PART TWO OF THE PUBLICATION APPLIES SOME OF THE METHODS DISCUSSED IN PART ONE TO TWO CONCRETE PROJECTS: 1) THE LAS MARISMAS METROPOLITAN PARK OF MADRID LOCATED ALONG THE GUADAQUIVIR RIVER, AND 2) THE DELAWARE RIVER WATER QUALITY CONTROL PROJECT. SEVERAL TABLES, CHARTS AND GRAPHS ILLUSTRATE THE TEXT OF THE PUBLICATION.

INTERNATIONAL
SE( )

POPULATION, ENVIRONMENT AND QUALITY OF LIFE
LEVI, LENNART, AND LARS ANDERSSON EPA
ENGLISH 03/00/72 PGS 1-142 ID# 05118A
ALSO ST

THIS REPORT, PRESENTED TO THE UNITED NATIONS' WORLD POPULATION CONFERENCE IN MARCH 1972, SURVEYS EXISTING RESEARCH ON HUMAN RESPONSE TO ENVIRONMENTAL PRESSURE, WITH EMPHASIS ON MEDICAL ASPECTS OF THE EFFECTS OF POPULATION GROWTH ON HUMAN BEINGS. CHAPTERS DISCUSS: DELINEATION OF THE PROBLEM, DEFINITIONS, AND SCOPE OF THIS DOCUMENT; STIMULI GENERATED BY POPULATION STRUCTURE AND PROCESSES; THE TARGET--HIGH RISK GROUPS; INTERACTING VARIABLES--THE ENVIRONMENTAL SETTING; THE OUTCOME IN TERMS OF QUALITY OF LIFE; THE INTERRELATEDNESS OF TOTAL (I.E. PHYSICAL, MENTAL, AND SOCIAL) MAN AND TOTAL ENVIRONMENT--CONCLUDING REMARKS; MONITORING (I.E. USING AN EARLY WARNING SYSTEM FOR IMPENDING TROUBLE IN THE ECOSYSTEM IN TERMS OF LEVEL OF LIVING AND QUALITY OF LIFE OR MONITORING FOR EVALUATION) AND RESEARCH FOR AN INTEGRATED WORLD PLAN OF ACTION; AND SUMMARY AND CONCLUSION. AN EXTENSIVE BIBLIOGRAPHY AND A GLOSSARY OF TECHNICAL TERMS ARE APPENDED. (THIS IS A PUBLICATION OF THE SWEDISH ROYAL MINISTRY FOR FOREIGN AFFAIRS.)

GENERAL

JAPAN "INLAND SEA BRIDGE PLAN PASSES ENVIRONMENT TEST," JAPAN TIMES
EPA
PM(B) ENGLISH 11/20/77 PGS 2 ID# 05052A

THE HONSHU-SHIKOKU BRIDGE AUTHORITY, A JAPANESE GOVERNMENT CORPORATION, IN A 780-PAGE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT SUBMITTED TO THE ENVIRONMENT AGENCY AND CONCERNED LOCAL GOVERNMENTS, HAS DECLARED THAT THE PLANNED PROJECT TO CONSTRUCT A COMBINATION RAILWAY-HIGHWAY BRIDGE ACROSS THE INLAND SEA WILL CAUSE LITTLE ENVIRONMENTAL DISRUPTION. THE DRAFT, COMPILED IN ACCORDANCE WITH ENVIRONMENT AGENCY GUIDELINES AND TO BE MADE AVAILABLE FOR EXAMINATION BY LOCAL RESIDENTS FOR THREE WEEKS, IS THE FIRST STAGE OF THE ASSESSMENT, WHICH IS TO BE COMPLETED BY SPRING 1978 WITH THE INCLUSION OF OPINIONS OF LOCAL RESIDENTS AND GOVERNMENT AGENCIES. THE REPORT, WHICH DEALS WITH AIR AND WATER POLLUTION, NOISE AND ENVIRONMENTAL DISRUPTION, FORSEES LEVELS OF NITROGEN OXIDES EXCEEDING THE PRESENT STRINGENT JAPANESE STANDARD OF 0.02 PPM, STATES THAT NOISE PROBLEMS CAN BE SOLVED BY THE USE OF SOUND BAFFLES, AND ANTICIPATES NO SIGNIFICANT WATER CONTAMINATION FROM THE CONSTRUCTION OF BRIDGE PILLARS.

JAPAN LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN, ENVIRONMENT AGENCY
EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
AIR NOISE WATER SOLID WASTE LAND USE

ALTHOUGH JAPAN HAS MADE MUCH PROGRESS IN POLLUTION CONTROL SINCE THE LATE 1960'S, MANY PROBLEM AREAS STILL EXIST, AND THE SOCIAL CONTEXT OF ENVIRONMENTAL CONCERNS HAS BEEN CHANGING; FOR EXAMPLE, THE COST OF POLLUTION CONTROL IS INCREASING, AND PEOPLE ARE BEGINNING TO DEMAND A HIGHER QUALITY OF LIFE. IN RESPONSE TO THESE CHANGED CONCERNS, A LONG-TERM PROGRAM COVERING BOTH ENVIRONMENTAL POLLUTION CONTROL AND NATURE CONSERVATION WAS JOINTLY DEVELOPED BY THE CENTRAL COUNCIL FOR ENVIRONMENTAL POLLUTION AND THE NATURE CONSERVATION COUNCIL TO SERVE AS A GUIDELINE FOR JAPANESE ENVIRONMENTAL POLICY THROUGH 1985. PART I, "PREVENTION OF ENVIRONMENTAL POLLUTION," CONSIDERS: FACTORS INFLUENCING BASIC POLICIES; THE TARGETS AND DIRECTION OF COUNTER MEASURES INVOLVING, AMONG OTHER THINGS, AIR AND WATER POLLUTION, WASTE DISPOSAL AND NOISE CONTROL; THE NECESSITY FOR COORDINATION AMONG RELATED POLICIES; THE COST OF ACHIEVING POLICY TARGETS; AND THE IMPACT OF THE POLICIES ON THE NATIONAL ECONOMY. PART II PRESENTS THE PROGRAM AFFECTING NATURAL CONSERVATION.

NIGER "JANUARY 7, 1975 ORDINANCE NO. 75-1 CREATING THE NATIONAL AGRONOMICAL RESEARCH INSTITUTE OF NIGER," JOURNAL OFFICIEL DE LA REPUBLIQUE DU NIGER
EPA
LR(A) FRENCH 01/15/75 PGS 39 ID# 05028A

THIS ORDINANCE, PROMULGATED BY THE SUPREME MILITARY COUNCIL OF NIGER, PROVIDES FOR THE CREATION OF THE NATIONAL AGRONOMICAL RESEARCH INSTITUTE OF NIGER (INRAN) AS A STATE AGENCY UNDER THE SUPREME MILITARY COUNCIL. WITH A VIEW TOWARD FINDING AND APPLYING SOLUTIONS TO RURAL DEVELOPMENT PROBLEMS, THE INRAN IS RESPONSIBLE FOR CONDUCTING AND COORDINATING SCIENTIFIC AND TECHNICAL RESEARCH ON ECOLOGY, AGRICULTURE, HUSBANDRY, FORESTRY AND RURAL ECONOMY. IT IS TO PREPARE SHORT, MEDIUM AND LONG RANGE RESEARCH PROGRAMS, ESTABLISH EXPERIMENTAL STATIONS AND RESEARCH LABORATORIES, AND DISSEMINATE THE RESULTS OF ITS RESEARCH TO INTERESTED ORGANIZATIONS. THE COMPOSITION, ORGANIZATION, AND OTHER ATTRIBUTES OF INRAN ARE TO BE SPECIFIED BY DECREE OF THE COUNDIL OF MINISTERS. FUNDS FOR THE OPERATIONS AND FUNCTIONS OF IRAN ARE TO BE MADE AVAILABLE THROUGH GENERAL APPROPRIATIONS, FEES CHARGED FOR SERVICES, DONATIONS, AND OTHER PUBLIC SOURCES.

GENERAL

NORWAY
LR(B)

LOV ON PRODUCTKONTROLL--OT. PRP. NO. 51 (PRODUCT CONTROL ACT--ODELSTING BILL NO. 51)
NORWAY. MINISTRY OF ENVIRONMENT EPA
NORWEGIAN* 04/18/75 PGS 1-136 ID# 04396D
*ALSO ENGLISH ALSO PMA, SE
NOISE SOLID WASTE TOXIC SUBS

PARLIAMENTARY BILL NO. 15 TO INTRODUCE THE PRODUCT CONTROL ACT (SUBSEQUENTLY ENACTED ON JUNE 11, 1976 AND GOING INTO FORCE ON SEPTEMBER 1, 1977) GIVES THE BACKGROUND AND JUSTIFICATION FOR THE PROPOSED ACT. CHAPTERS COVER: THE NEED FOR A PRODUCT CONTROL ACT; THE CONTENTS OF THE PROPOSED LAW AND ITS RELATIONSHIP TO EXISTING LEGISLATION; COMPARABLE LEGISLATION IN OTHER COUNTRIES; ADMINISTRATIVE AND ORGANIZATIONAL QUESTIONS; AND THE IMPACT OF THE ACT ON ECONOMICS AND BUSINESS POLICY. APPENDIXES COVER: A SURVEY OF INSTITUTIONS WHICH MAY BE CHARGED WITH SUPERVISION AND CONTROL; A SURVEY OF INSTITUTIONS WHICH MAY BE CHARGED WITH RESEARCH, ANALYSIS, ETC.; AND A SURVEY OF EXISTING LEGISLATION ARRANGED ACCORDING TO MINISTERIAL RESPONSIBILITY. AN EXTENSIVE ENGLISH TRANSLATION SUMMARIZING THE BACKGROUND AND MAIN CHAPTERS OF THE DOCUMENT IS ATTACHED.

NORWAY
PM(A)

LANGTIDSPROGRAMMET 1974-1977--SPECIALANALYSE 1: FORURENSNINGER (LONG-TERM PROGRAM 1974-1977--SPECIAL ANALYSIS 1: POLLUTION)
NORWAY. MINISTRY OF FINANCE EPA
NORWEGIAN 00/00/72 PGS 1-237 ID# 05032A
ALSO LRB
AIR WATER SOLID WASTE

THIS PUBLICATION CONTAINS A SPECIAL ANALYSIS OF POLLUTION AS IT AFFECTS THE GOVERNMENT'S LONG RANGE FOUR YEAR PROGRAM. FINANCIAL MATTERS ARE EMPHASIZED. THE INTRODUCTION DEALS WITH POLLUTION PROBLEMS IN GENERAL FROM AN ECONOMIC AND LEGAL POINT OF VIEW. CHAPTERS COVER: PRINCIPAL APPROACHES TO ENVIRONMENTAL POLLUTION AND ECONOMIC PROBLEMS; PUBLIC MEASURES TO CONTROL POLLUTION; PRINCIPLES AND POSSIBLE ALTERNATIVES; THE EFFECTS OF POLLUTION ON ORGANISMS AND THEIR ENVIRONMENT; SURVEY OF EMISSIONS AND DISCHARGES OF POLLUTED WASTE DURING 1970; MUNICIPAL SEWAGE AND SEWAGE DISPOSAL; THE ATMOSPHERE, GROUND, AND WATER AS RECIPIENTS OF POLLUTION; AND THE RELATIONSHIP BETWEEN PRODUCTION AND DISCHARGE OF WASTE. AN EXTENSIVE APPENDIX DISCUSSES DISCHARGES OF POLLUTED WASTE ARISING FROM AGRICULTURE AND FORESTRY, INDSUTRY, HEATING SYSTEMS, TRANSPORTATION, HEALTH AND VETERINARY SYSTEMS, AND HOUSEHOLDS. DEPRECIATION OF BUILDINGS, MACHINERY, AND MEANS OF TRANSPORTATION ARE ALSO CONSIDERED.

NORWAY
PM(B)

ENVIRONMENTAL PRODUCT CONTROL: A COMPARATIVE STUDY OF THE UNITED STATES AND NORWAY
GULDEN, PER A. EPA
ENGLISH 05/00/76 PGS 1-104 ID# 05035A
ALSO LRB
TOXIC SUBS NOISE SOLID WASTE

THIS REVIEW, PREPARED BY A SENIOR OFFICIAL AT THE NORWEGIAN MINISTRY OF ENVIRONMENT, BROADLY DESCRIBES AND COMPARES THE STATUS OF PRODUCT CONTROL IN NORWAY AND THE U.S.A. THE STUDY IS DIVIDED INTO CHAPTERS COVERING THE FOLLOWING AREAS: CONCEPTS AND ISSUES OF PRODUCT CONTROL; PRODUCTS WITH CHEMICAL EFFECTS; NOISE ASSOCIATED WITH PRODUCTS; WASTES RELATED TO PRODUCTS, AND OTHER TYPES OF HAZARDOUS WASTE. MAJOR NORWEGIAN AND U.S. LEGISLATION IN EACH AREA IS LISTED AND APPROACHES AND ACTIONS DISCUSSED. A BIBLIOGRAPHY IS APPENDED.

GENERAL

NORWAY

BEREDSKAP MOT AKUTT FORURENSNING (PREPAREDNESS FOR HANDLING ACUTE POLLUTION).
NOU 1974: 25

EPA

PM(B) NORWEGIAN 00/00/74 PGS 1-50 ID# 05020A
ALSO LRB
WATER TOXIC SUBS AIR

A COMMITTEE WAS APPOINTED BY ROYAL RESOLUTION ON THE RECOMMENDATION OF THE MINISTRY OF ENVIRONMENT IN 1973 TO MAP OUT THE MOST IMPORTANT SOURCES OF AND REASONS FOR ACUTE POLLUTION, EVALUATE CURRENT LEGISLATION AND ORGANIZATIONAL DISTRIBUTION OF RESPONSIBILITIES CONCERNING POLLUTION, EXPLORE SPECIFIC LEGISLATIVE DEFICIENCIES, AND SURVEY ECONOMIC RESPONSIBILITY AND NEED FOR PUBLIC FINANCIAL ASSISTANCE IN REALIZING SPECIFIC PROPOSALS. THE COMMITTEE REPORT COVERS: SOURCES AND CAUSES OF ACUTE POLLUTION; SURVEY OF CURRENT SAFETY MEASURES; SURVEY OF CURRENT EMERGENCY MEASURES; COMMITTEE EVALUATION OF CURRENT SAFETY REGULATIONS AND EMERGENCY MEASURES; MAIN DIRECTIVES FOR LEGISLATION AND ORGANIZATION; A CLOSER LOOK AT ORGANIZATIONAL QUESTIONS; ECONOMY AND RESPONSIBILITY; AND A SUMMARY OF THE COMMITTEE'S RECOMMENDATIONS. AN APPENDIX LISTS CHEMICAL SUBSTANCES WHICH MAY CAUSE POLLUTION WHEN TRANSPORTED IN NORWAY.

NORWAY

NATURVERN I NORGE (NATURE CONSERVATION IN NORWAY)

EPA

PM(B) NORWEGIAN 00/00/70 PGS 1-49 ID# 05025A
ALSO LRB

THIS PUBLICATION CONTAINS A NUMBER OF CHAPTERS BY DIFFERENT AUTHORS COVERING VARIOUS ASPECTS OF NATURE CONSERVATION IN NORWAY. THE FOLLOWING SUBJECTS ARE DEALT WITH: BACKGROUND AND GOALS OF THE EUROPEAN NATURE CONSERVATION YEAR 1970; NATURE CONSERVATION IN NORWAY AND ITS PLACE IN THE DEVELOPMENT OF SOCIETY; GOALS, ASSIGNMENTS, AND METHODS IN NATURE CONSERVATION EDUCATION IN THE PRIMARY GRADES; NATURE AND ENVIRONMENTAL PROTECTION EDUCATION IN NORWEGIAN UNIVERSITIES; A NEW PERSPECTIVE ON BIOLOGY; THE TEXTBOOK--AN ANACHRONISM IN CURRENT BIOLOGY EDUCATION; NATURE PROTECTION--AN ALL OUT EFFORT OR AN ABNEGATION; AND NORWAYS'S NATURE CONSERVATION ASSOCIATION--AN EXPONENT OF A MODERN REALISTIC NATURE CONSERVATION POINT OF VIEW. PERTINENT NATURE CONSERVATION LEGISLATION IS OUTLINED AND BRIEFLY DISCUSSED IN THE CHAPTER ENTITLED "NATURE CONSERVATION UNDERTAKEN BY THE GOVERNMENT."

NORWAY

TILTAK MOT FORURENSNINGER (MEASURES AGAINST POLLUTION)
NORWAY, MINISTRY OF ENVIRONMENT

EPA

PM(B) NORWEGIAN 12/00/75 PGS 1-138 ID# 05041A
ALSO LRB, SE
AIR WATER SOLID WASTE TOXIC SUBS

THIS BOOKLET OUTLINES GENERAL POLLUTION PROBLEMS IN NORWAY. GOALS AND PRINCIPLES FOR MEASURES AGAINST POLLUTION EMPHASIZE THAT NO ONE HAS THE RIGHT TO POLLUTE AND, IF POLLUTION OCCURS, THE POLLUTER MUST PAY. ECONOMIC COSTS OF ENVIRONMENTAL UNDERTAKINGS ARE DISCUSSED. CHAPTER FOUR COVERS MORE SPECIFIC AREAS, FOR EXAMPLE: A FIVE YEAR PLAN TO FIGHT POLLUTION, INDUSTRIAL EMISSIONS, DEMANDS ON NEW INDUSTRY, FINANCIAL AID TO ESTABLISHED INDUSTRY, THE SO2 PROBLEM, AGRICULTURAL AND OIL POLLUTION, AND RESEARCH, DEVELOPMENT AND CONTROL MEASURES. DELEGATION OF AUTHORITY FROM THE MINISTRY OF ENVIRONMENT TO LOCAL AUTHORITIES AS WELL AS ADMINISTRATIVE QUESTIONS ARE DISCUSSED IN CHAPTER FIVE. CHAPTER SIX DEALS WITH LEGISLATION AND JURIDICAL PROBLEMS. CHAPTER SEVEN CONSIDERS ECONOMIC MATTERS, INCLUDING SUBSIDIES AND FEES. CHAPTER EIGHT COVERS INTERNATIONAL COOPERATION CONCERNING POLLUTION. REPORTS FROM THE SMOKE CONTROL COUNCIL AND THE COUNCIL ON OIL POLLUTION ARE APPENDED ALONG WITH A LIST OF WASTEWATER PROJECTS.

GENERAL

NORWAY

NORWAY INNOVATES IN ENVIRONMENTAL PLANNING
SMITH, DOUGLAS V. EPA
PM(B) ENGLISH 10/00/73 PGS 1-20 ID# 05048A
ALSO LRB
LAND USE WATER AIR

THIS PAPER, PREPARED BY A RESEARCH FELLOW AT THE NORWEGIAN INSTITUTE OF URBAN AND REGIONAL RESEARCH FOLLOWING THE FOUNDATION OF THE NEW MINISTRY OF ENVIRONMENT, DEALS WITH ENVIRONMENTAL PLANNING IN NORWAY. AFTER A SUMMARY OF GENERAL POLLUTION PROBLEMS, THE TOPICS OF HYDROPOWER PLANT CONSTRUCTION, LAND USE PLANNING, AND MOVEMENT TO THE CITIES ARE DISCUSSED SPECIFICALLY WITH REGARD TO HOW THEY MAY AFFECT THE ENVIRONMENT. THE CONSIDERATIONS OF LEGAL AND ADMINISTRATIVE APPROACHES COVERS THE 1965 PLANNING AND BUILDING ACT IN PARTICULAR BUT ALSO INCLUDES LEGISLATION PERTAINING TO RECREATION AND CONSERVATION AS WELL AS TO AIR AND WATER POLLUTION. A BRIEF OUTLINE OF THE ADMINISTRATION OF THE MINISTRY OF ENVIRONMENT CONCLUDES THE PAPER.

NORWAY

NORWEGIAN INDUSTRY'S DEVELOPMENT AND FUTURE. REPORT NO. 67 FOR THE STORTING (1974-75)
NORWAY. ROYAL NORWEGIAN MINISTRY OF INDUSTRY EPA
PM(B) ENGLISH 04/04/75 PGS 1-33 ID# 05051A
ALSO SE

THIS GOVERNMENT REPORT HIGHLIGHTS THE DEVELOPMENT OF THE MANUFACTURING INDUSTRY IN NORWAY DURING THE DECADE PRIOR TO 1975 AND PROVIDES A BRIEF SURVEY OF THE MOST IMPORTANT CHANGES WHICH TOOK PLACE DURING THIS TIME. CHAPTER TWO, SECTION EIGHT, DEALS PARTICULARLY WITH INDUSTRY FROM THE ASPECT OF ENVIRONMENTAL PROTECTION. MAIN PRINCIPLES EMPHASIZED ARE: ANTI-POLLUTION MEASURES SHALL PRIMARILY BE PREVENTATIVE; ATTEMPTS MUST BE MADE TO STOP POLLUTION AT THE SOURCE; NO ONE HAS THE RIGHT TO POLLUTE; AND THE POLLUTER MUST PAY. THE FINANCIAL ASPECTS INVOLVED IN REDUCING INDUSTRIAL POLLUTION ARE CONSIDERED. A BRIEF DISCUSSION OF THE WORKING ENVIRONMENT CONCLUDES THE SECTION.

NORWAY

NATIONAL REPORT ON NORWAY
NORWAY. MINISTRY OF ENVIRONMENT EPA
PM(A) ENGLISH 00/00/76 PGS 1-31 ID# 05097A
LAND USE

THIS PUBLICATION, PREPARED FOR THE U.N. CONFERENCE ON HUMAN SETTLEMENT, BEGINS WITH A GENERAL VIEW OF SOCIAL AND ECONOMIC ASPECTS OF HUMAN SETTLEMENTS FOLLOWED BY A BRIEF OUTLINE OF THE NORWEGIAN POLITICAL AND ADMINISTRATIVE SYSTEMS. THE CHAPTER COVERING NATIONAL SETTLEMENT POLICY AND IMPLEMENTATION INCLUDES BRIEF DISCUSSIONS ON LAND USE, LOCAL ENVIRONMENT, AND ENVIRONMENTAL PROTECTION POLICY. THE SECTION ON INTERNATIONAL ASPECTS DEALS WITH NORWEGIAN VIEWS ON INTERNATIONAL DISTRIBUTION OF RESOURCES AND NORWEGIAN DEVELOPMENT ASSISTANCE. A MAP OF NORWAY DEPICTING THE MAIN REGIONAL PARTS AS WELL AS TOWN REGIONS AND COUNTIES IS INCLUDED. APPENDED TABLES SHOW POPULATION IN URBAN AREAS IN NORWAY DURING 1960-1970 AND STATE EXPENDITURES BY PROGRAM AREA FOR 1975.

GENERAL

NORWAY

STATENS FORURENSNINGSTILSYN--ARSBERETNING FOR 1976 (STATE POLLUTION CONTROL AUTHORITY--ANNUAL REPORT, 1976)
NORWAY, STATE POLLUTION CONTROL AUTHORITY EPA
PM(A) NORWEGIAN 02/00/77 PGS 1-31 ID# 05106A
ALSO PMB
WATER AIR NOISE SOLID WASTE

THE 1976 ANNUAL REPORT ANNOUNCES THE REORGANIZATION OF THE STATE POLLUTION CONTROL AUTHORITY INTO THREE DEPARTMENTS SUPPORTED BY AN ADMINISTRATIVE AND JUDICIAL STAFF HEADED BY A DIRECTOR GENERAL AND AN ASSISTANT DIRECTOR GENERAL. THE REPORT GRAPHICALLY OUTLINES THE NEW ORGANIZATION, MAPS OUT POLLUTION FROM VARIOUS INDUSTRIES, AND SURVEYS MEASURES TAKEN TO PREVENT OIL POLLUTION. IT ALSO DISCUSSES CONTROL MEASURES FOR AIR AND WATER POLLUTION, WASTE, AND NOISE, AS WELL AS VIOLATIONS OF PERMITS, FINANCIAL SUPPORT TO ESTABLISHED INDUSTRY, AND INTERNATIONAL COOPERATION TO PREVENT POLLUTION. DURING 1975 THE AUTHORITY BECAME MORE ACTIVELY INVOLVED IN MATTERS CONCERNING OIL POLLUTION AND PRODUCT CONTROL. TASKS PERFORMED FOR THE MINISTRY OF ENVIRONMENT ALSO INCREASED. TO FACILITATE RESEARCH PROJECTS AND REPORTS, THE AUTHORITY LEANS HEAVILY ON CONSULTANTS AND RESEARCH ORGANIZATIONS.

NORWAY

STATENS FORURENSNINGSTILSYN (STATE POLLUTION CONTROL AUTHORITY)
EPA
PM(A) NORWEGIAN 00/00/77 PGS 1-2 ID# 05107A

THIS LEAFLET DEPICTS THE ORGANIZATION OF THE STATE POLLUTION CONTROL AUTHORITY IN GRAPHIC FORM, NAMING ITS TOP OFFICIALS AND OUTLINING THE FUNCTIONS OF ITS THREE DEPARTMENTS: THE INDUSTRIAL DEPARTMENT, DIVIDED INTO THREE INDUSTRIAL SECTIONS AND A CONTROL SECTION FOR INDUSTRIAL POLLUTION IN NEDRE TELEMARK; THE MUNICIPAL AND OIL POLLUTION DEPARTMENT, CONSISTING OF AN ACCOUNT AND RECIPIENT SECTION AND OIL POLLUTION SECTION; AND THE PRODUCT CONTROL DEPARTMENT, WITH TWO PRODUCT CONTROL OFFICES, ONE HANDLING CHEMICAL SUBSTANCES AND THE OTHER, MATTERS CONCERNING NOISE, WASTE, AND OIL POLLUTION. THE AUTHORITY GUARDS AGAINST AIR AND WATER POLLUTION, HANDLES WASTE AND NOISE PROBLEMS AND IS RESPONSIBLE FOR MEASURES TAKEN TO ELIMINATE INDUSTRIAL POLLUTION. IT SUPERVISES NORWAY'S CONTROL OF OIL POLLUTION AND IMPLEMENTS THE LAW ON PRODUCT CONTROL. IT IS ALSO THE REPORTING ORGAN FOR THE MINISTRY OF ENVIRONMENT AND ACTS AS SECRETARIAT FOR THE SMOKE CONTROL COUNCIL, THE COUNCIL ON OIL POLLUTION, AND THE PRODUCT CONTROL COUNCIL.

PERU

OFICINA NACIONAL DE EVALUACION DE RECURSOS NATURALES (NATIONAL OFFICE FOR NATURAL RESOURCES EVALUATION)
PERU. NATIONAL OFFICE OF NATURAL RESOURCES EVALUATION EPA
PM(A) SPANISH 11/00/75 PGS 1-5 ID# 05108A
ALSO PMB

THIS BROCHURE EXPLAINS THE CREATION, OBJECTIVES, ORGANIZATION AND WORK OF THE NATIONAL OFFICE FOR NATURAL RESOURCES EVALUATION (ONERN) OF PERU. ONERN, UNDER THE OFFICE OF THE PRESIDENT, WORKS IN COLLABORATION WITH THE NATIONAL PLANNING INSTITUTE AND IS THE STATE AGENCY RESPONSIBLE FOR THE INVENTORY AND EVALUATION OF NATURAL RESOURCES FOR DEVELOPMENTAL ENDS. IT ASSISTS IN THE FORMULATION OF POLICIES ON RESOURCES USE AND CONSERVATION, CARRIES OUT STUDIES CONCERNING THE RELATIONSHIP OF MAN AND HIS ENVIRONMENT, AND PROPOSES ALTERNATIVES TO DEVELOPMENT PROPOSALS. THE BROCHURE LISTS AND MAPS THE 50 STUDIES AND INVENTORIES, COVERING 32 PERCENT OF THE NATIONAL TERRITORY, WHICH HAVE BEEN COMPLETED OR INITIATED BY ONERN. ONERN IS ALSO INVOLVED CONDUCTING THE "MAN AND THE BIOSPHERE" PROGRAM OF THE UNITED NATIONS, IN THE PUBLICATION OF AN ECOLOGICAL MAP OF PERU, AND IN THE INVESTIGATION OF REGULATING REGIONAL WATER BASINS. THE BROCHURE ALSO INCLUDES AN ORGANIZATIONAL CHART OF ONERN.

GENERAL

SINGAPORE

"ENVIRONMENTAL PUBLIC HEALTH ACT, NO. 32, 1968." REPUBLIC OF SINGAPORE GOVERNMENT GAZETTE, ACTS SUPPLEMENT, NO. 32, 1968

EPA

LR(A) ENGLISH 12/28/68 PGS 315-403 ID# 05045A

THIS ACT SETS FORTH THE BASIC FRAMEWORK FOR ENVIRONMENTAL SANITATION AND PUBLIC HEALTH PROTECTION IN SINGAPORE. THE 146 ARTICLES OF THE ACT, CONTAINED IN 14 PARTS, DEAL WITH LEGAL PROVISIONS APPLICABLE TO 1) PUBLIC HEALTH ADMINISTRATION; 2) PUBLIC CLEANLINESS WITH REGARD TO STREET CLEANING AND THE REMOVAL OF REFUSE AND NIGHT-SOIL; 3) MARKET PLACES; 4) PUBLIC VENDORS; 5) FOOD ESTABLISHMENTS; 6) PUBLIC NUISANCES; 7) UNSANITARY PREMISES AND OBSTRUCTIVE BUILDINGS; 8) SANITARY CONVENIENCES, DRAINS, SEWERS AND WELLS; 9) GENERAL HEALTH REQUIREMENTS FOR BUILDINGS; 10) OFFENSIVE TRADES; 11) SWIMMING POOLS; 12) FUNERAL PARLORS, CEMETERIES AND CREMATORIA; AND 13) MISCELLANEOUS MATTERS DEALING WITH INSPECTIONS, LICENSING, FEES, SANCTIONS, LEGAL PROCEDURES, FORMS AND REGULATIONS. (THE ENVIRONMENTAL PUBLIC HEALTH (AMENDMENT) ACTS, NO. 32 OF 1972 AND NO. 7 OF 1974 ARE ATTACHED.)

SWEDEN

EFFECTS OF HEAVY METAL POLLUTION ON DECOMPOSITION IN FOREST SOILS--III. EXTENDED STUDIES AND CONCLUDING EVALUATION. STATENS NATURVARDSVERK PM 861
TYLER, GERMUND

EPA

ST( ) SWEDISH* 07/00/77 PGS 1-105 ID# 05119A
*SUMMARY IN ENGLISH

THIS PROJECT DESCRIBED HERE, FINANCIALLY SUPPORTED BY THE RESEARCH COMMITTEE OF THE NATIONAL SWEDISH ENVIRONMENTAL PROTECTION BOARD, AIMED TO STUDY THE EFFECTS OF HEAVY METAL POLLUTION ON DECOMPOSITION IN FOREST SOILS. CONCLUSIONS AND FINDINGS WERE: DECOMPOSITION OF INERT LITTER COMPONENTS IS INHIBITED BY COPPER-ZINC POLLUTION; A STRONG POSITIVE RELATIONSHIP WAS OBTAINED BETWEEN DECOMPOSITION RATE AND THE CHANGE OF PHOSPHATASE ACTIVITY; NO SIGNIFICANT CORRELATION WAS FOUND BETWEEN EITHER METAL CONTENT AND NITROGEN MINERALIZATION OR BETWEEN METAL CONTENT AND DECOMPOSITION RATE; EXPERIMENTS WITH INACTIVATION OF SOIL ENZYMES BY METAL SALTS DEMONSTRATED THAT UREASE ACTIVITY IS ONLY SLIGHTLY INHIBITED BY ADDITION OF COPPER AND/OR ZINC IONS AT A RATE OF ABOUT TWO PER THOUSAND OF SOIL ORGANIC DRY MATTER, BUT THAT EXCEEDING THIS LEVEL CAN CAUSE COMPLETE INHIBITION; AND A GREAT SENSITIVITY TO VANDIUM IN VARIOUS FORMS WAS DEMONSTRATED. THE LAST CHAPTER OF THE REPORT IS A SURVEY WITH A CONCLUDING EVALUATION OF THE RESULTS OBTAINED.

USSR

"DECREE NO. 6 ON THE PRACTICE OF APPLYING ENVIRONMENTAL PROTECTION LEGISLATION BY COURTS." BYULLETIN' VERKHOVNOGO SUDA SSSR, NO.4

EPA

LR(A) RUSSIAN 00/00/77 PGS 11-17 ID# 04442B

THIS JUNE 3, 1977 DECREE BY THE USSR SUPREME COURT PLENUM WAS ISSUED IN ACCORDANCE WITH THE DECISIONS OF THE 25TH CONGRESS OF THE CPSU CONCERNING ENVIRONMENTAL PROTECTION MEASURES AND RATIONAL USE OF NATURAL RESOURCES. IT OBLIGES THE COURTS TO STRENGTHEN THE LEGAL ENFORCEMENT OF NATURE PROTECTION, KEEPING IN MIND THAT STRICT ADHERENCE TO THIS LEGISLATION IS ONE OF THE CONDITIONS ON WHICH THE SUCCESSFUL FULFILLMENT OF NATIONAL ECONOMY PLANS DEPENDS. THE DECREE ALSO OBLIGES THE COURTS TO TAKE APPROPRIATE STEPS TO PREVENT CRIMINAL ENCROACHMENT ON OBJECTS OF NATURE AND TO INCREASE THE LIABILITY OF ENTERPRISE AND ORGANIZATION OFFICIALS RESPONSIBLE FOR VIOLATING ENVIRONMENTAL PROTECTION LAYS. IT FURTHER STATES THAT THE ACTIVITIES OF OFFICIALS AND OTHER CITIZENS ENGAGED IN PROTECTING NATURE ARE CONSIDERED TO BE LAWFUL AND CARRY NO CRIMINAL OR OTHER LIABILITIES. THIS DECREE SUPERSEDES THE APRIL 11, 1972 DECREE OF THE SAME TITLE.

GENERAL

USSR "LEGAL PROBLEMS OF ENVIRONMENTAL PROTECTION IN THE LIGHT OF THE DECISIONS BY THE 25TH CONGRESS OF THE CPSU." SOVETSKOE GOSUDARSTVO I PRAVO, NO. 2
KOLBASOV, O. S. EPA
LR(B) RUSSIAN 02/00/77 PGS 131-39 ID# 05024A

THE AUTHOR FORMULATES AND BRIEFLY DISCUSSES THE FOLLOWING TOPICS IN ORDER TO STUDY THE LEGAL PROBLEMS OF ENVIRONMENTAL PROTECTION: THE ROLE OF LAW IN ENVIRONMENTAL PROTECTION, WHICH, ACCORDING TO THE AUTHOR, HAS REACHED A HIGH LEVEL OF DEVELOPMENT IN THE SOVIET UNION AND OPERATES ON THE PRINCIPLES OF PROTECTING AND IMPROVING THE HUMAN ENVIRONMENT; GUARANTEES OF COMPLIANCE WITH ENVIRONMENTAL PROTECTION LEGISLATION, AS STIPULATED MAINLY IN THE TENTH FIVE-YEAR PLAN, THE SEPTEMBER 20, 1972 DECREE OF THE USSR SUPREME SOVIET AND THE DECEMBER 29, 1972 DECREE OF THE CPSU CENTRAL COMMITTEE AND THE USSR COUNCIL OF MINISTERS; THE STRUGGLE AGAINST OFFENDERS; AND JURIDICAL LIABILITY AS SPECIFIED IN CRIMINAL AND CIVIL CODES OF ALL UNION REPUBLICS.

USSR BASIC TRENDS IN THE DEVELOPMENT OF THE USSR NATIONAL ECONOMY FOR 1976-1980
EPA
LR(A) RUSSIAN 00/00/76 PGS 1-94 ID# 05026A
ALSO PMA

THIS MARCH 3, 1976 DECREE OF THE CPSU 25TH CONGRESS DEALS WITH THE TENTH FIVE-YEAR PLAN FOR THE DEVELOPMENT OF THE USSR NATIONAL ECONOMY. PART 2, SECTION 6 OF THE DECREE PROVIDES FOR THE ENTIRE SOVIET UNION BOTH CURRENT AND LONG-RANGE MEASURES FOR ENVIRONMENTAL PROTECTION AND RATIONAL UTILIZATION OF NATURAL RESOURCES. IT RECOMMENDS THAT THE LATEST SCIENTIFIC METHODS BE APPLIED TO COMBAT ENVIRONMENTAL POLLUTION AND THAT FORECASTING OF THE INFLUENCE AND POSSIBLE CONSEQUENCES OF PRODUCTION ON THE ENVIRONMENT BE PERFECTED AND INCORPORATED INTO THE DEVELOPMENT AND ADOPTION STAGES OF NATIONAL ECONOMY PROJECTS.

USSR "RESPONSIBILITY OF ENTERPRISES FOR POLLUTING THE ENVIRONMENT." SOVETSKOE GOSUDARSTVO I PRAVO, NO. 8
ROSZOVSKIY, B. G. EPA
LR(B) RUSSIAN 08/00/77 PGS 84-89 ID# 05030A

IT IS ESSENTIAL, ACCORDING TO THE AUTHOR, TO FURTHER MOTIVATE ENTERPRISES AND ECONOMIC BODIES TO COMPLY FULLY WITH ENVIRONMENTAL PROTECTION LEGISLATION. THIS SHOULD BE ACCOMPLISHED BY CREATING A SYSTEM OF ECONOMIC INCENTIVES AND BY ESTABLISHING THE RESPONSIBILITY OF THOSE FOUND GUILTY OF DESTROYING OBJECTS OF NATURE. SANCTIONS FOR ENVIRONMENTAL POLLUTION MUST BE EVALUATED PRIMARILY AS FINES THAT WOULD ACT AS A STIMULUS FOR THE RATIONAL USE OF THE ENVIRONMENT, AND ONLY SECONDARILY AS A SOURCE OF ADDITIONAL FINANCING FOR ENVIRONMENTAL PROTECTION MEASURES. THE RESPONSIBILITY FOR POLLUTION SHOULD BE SHARED BY BOTH THE ECONOMIC AGENCIES AND BY ENTERPRISES. LOCAL GOVERNMENT AGENCIES MUST HAVE THE RIGHT TO APPRAISE THE EFFECTIVENESS OF ENTERPRISES AND ECONOMIC BODIES IN THE FIELD OF ENVIRONMENTAL PROTECTION AND TO IMPOSE APPROPRIATE SANCTIONS AGAINST THEM WHEN THEY VIOLATE THE ESTABLISHED LAWS.

GENERAL

USSR "PRINCIPLES OF FOREST LEGISLATION OF THE USSR AND UNION REPUBLICS." VEDOMOSTI VERKHOVNOGO SOVETA SSSR, NO. 25

EPA

LR(A) RUSSIAN 06/22/77 PGS 399-424 ID# 05044A

THE BASIC TASKS OF THE NEW FOREST LEGISLATION ARE ESTABLISHED IN ARTICLE 1. ARTICLE 4 STATES THAT ALL USSR FORESTS CONSTITUTE A SINGLE STATE FUND. ALL USSR FORESTS ARE DIVIDED INTO STATE AND COLLECTIVE FARM FORESTS, ACCORDING TO ARTICLE 15. STATE FORESTS PERFORM MAINLY THE FOLLOWING FUNCTIONS: WATER PROTECTION, CONSISTING OF FOREST BELTS AROUND RIVERS, LAKES, RESERVOIRS AND OTHER WATER BODIES; SANITARY-HYGIENIC PROTECTION, SUCH AS GREEN BELTS AROUND POPULATED AREAS, INDUSTRIAL CENTERS AND SURFACE FRESHWATER RESOURCES; AND PROTECTION FROM EROSION. ARTICLE 47 DEFINES FOREST PROTECTION RESPONSIBILITY OF VARIOUS USSR STATE AGENCIES. THE NEW FOREST LEGISLATION BECOMES EFFECTIVE ON JANUARY 1, 1978.

USSR "THE OBJECT OF CRIMINAL-LEGAL PROTECTION." SOVETSKOE GOSUNDARSTVO I PRAVO, NO. 8

BUSHUEVA, T. A., AND P. S. DAGEL'

EPA

LR(B) RUSSIAN 08/00/77 PGS 77-83 ID# 05050A

ACCORDING TO THE AUTHORS, RATIONAL CRIMINAL-LEGAL PROTECTION OF THE ENVIRONMENT CAN BY ACHIEVED ONLY IF THE OBJECT OF CRIMINAL-LEGAL PROTECTION, I.E. THE OBJECT OF CRIMINAL ENCROACHMENTS ON THE ENVIRONMENT, IS PROPERLY IDENTIFIED. THIS IS ESSENTIAL IN ORDER THAT THE CRIMINAL-LEGAL NORMS OF ENVIRONMENTAL PROTECTION FUNCTION CORRECTLY WITHIN THE SOVIET SYSTEM OF CRIMINAL LAW. THE AUTHORS BELIEVE THAT A NEW APPROACH SHOULD BE TAKEN FOR INTERPRETING THE OBJECTS OF CRIMES IN THE ENVIRONMENTAL PROTECTION FIELD BECAUSE OF THE DANGER THAT THESE ENCROACHMENTS CAN CAUSE SERIOUS HARM TO THE ENVIRONMENT. SINCE ALL CRIMES IN THE FIELD OF ENVIRONMENTAL USE HAVE A SINGLE GENERIC OBJECT, THEY SHOULD BE COMPILED INTO A SPECIAL CHAPTER OF THE CRIMINAL LAW LABELED "CRIMES IN THE FIELD OF ENVIRONMENTAL USE." FURTHERMORE, THIS CHAPTER SHOULD INCLUDE NORMS CONCERNING PROTECTION OF THE AIR, SOIL, WATER AND OTHER NATURAL RESOURCES, NORMS FOR THE CONSERVATION OF A NORMAL RADIATION BALANCE, AND NORMS LIMITING NOISE AND VIBRATION.

USSR "AGREEMENT ON COOPERATION IN ENVIRONMENTAL PROTECTION BETWEEN THE GOVERNMENTS OF THE USSR AND BELGIUM." SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 17

EPA

LR(A) RUSSIAN 00/00/76 PGS 320-22 ID# 05096A

ALSO PMA

THIS JUNE 25, 1975 AGREEMENT BETWEEN BELGIUM AND THE USSR IS BASED ON THE JULY 26, 1969 AND NOVEMBER 19, 1974 AGREEMENTS ON ECONOMIC, INDUSTRIAL AND SCIENTIFIC-TECHNICAL COOPERATION BETWEEN THE USSR AND THE BELGIUM-LUXEMBOURG ECONOMIC UNION. IT PROVIDES BASIC GUIDELINES FOR COOPERATION IN THE FIELD OF ENVIRONMENTAL PROTECTION. THE AGREEMENT, RENEWABLE EVERY FIVE YEARS BY MUTUAL CONSENT, BECAME EFFECTIVE ON MARCH 23, 1976.

GENERAL

USSR "SETTLEMENTS OF NATURE PROTECTION DISPUTES IN THE STATE BOARDS OF ARBITRATION,"
SOVETSKAYA YUSTITSIYA, NO. 12
OSTANNIY, I. EPA
LR(B) RUSSIAN 06/00/77 PGS 6-7 ID# 05117A

ACCORDING TO THE AUTHOR, THE DEPUTY CHEIF ARBITRATOR OF THE USSR STATE BOARD OF ARBITRATION (GOSARBITRAZH), THE AGENCY IS CALLED UPON TO DEFEND THE STATE INTERESTS, AND IN SETTLEMENTS OF ECONOMIC DISPUTES MUST ACTIVELY INFLUENCE ENTERPRISES, ORGANIZATIONS AND OTHER AGENCIES THAT PERMIT VIOLATIONS OF LEGISLATION DEALING WITH NATURE PROTECTION AND RATIONAL USE OF NATURAL RESOURCES. THE AUTHOR NOTES THAT THE GOSARBITRAZH DATA SHOWS THAT SOME ENTERPRISES AND ORGANIZATIONS ARE NOT SUFFICIENTLY CONCERNED WITH PROTECTING THE ENVIRONMENT FROM POLLUTION OR WITH IMPROVING METHODS AND TECHNOLOGY OF WASTEWATER TREATMENT, PURIFICATION OF GASEOUS WASTES, ETC. MANY ENTERPRISES, CITIES AND OTHER POPULATED AREAS EITHER LACK THE NECESSARY TREATMENT FACILITIES OR USE THEM IMPROPERLY. HE ENUMERATES VARIOUS CASES DEALT WITH BY GOSARBITRAZH AGENCIES AND ADVISES WHAT LAWS SHOULD BE USED IN ECONOMIC DISPUTES DEALING WITH ENVIRONMENTAL PROTECTION.

USSR "PROBLEMS OF PREVENTIVE ENVIRONMENTAL HYGIENE IN THE LIGHT OF DECISIONS BY THE 25TH CONGRESS OF THE CPSU." GIGIENA I SANITARIYA, NO. 6
CHERKINSKIY, S. N. EPA
PM(B) RUSSIAN 00/00/77 PGS 3-7 ID# 05095A

ACTIVITIES IN THE FIELD OF PREVENTIVE ENVIRONMENTAL PROTECTION HAVE BEEN ELEVATED TO THE NATIONAL LEVEL IN THE USSR, ACCORDING TO THE AUTHOR. MORE SPECIFICALLY, PART 2, SECTION 6 OF THE MARCH 3, 1976 DECREE ON THE BASIC TRENDS IN THE DEVELOPMENT OF THE USSR NATIONAL ECONOMY FOR 1976-1980, ISSUED BY THE 25TH CONGRESS OF THE CPSU, REFERS IN PART TO THE DEVELOPMENT OF MEASURES FOR FORECASTING THE POSSIBLE CONSEQUENCES OF PRODUCTION ON THE ENVIRONMENT AND TO THE INCLUSION OF THE FORECASTS IN THE DEVELOPMENT AND ADAPTION STAGES OF NATIONAL ECONOMY PROJECTS. THE AUTHOR GIVES A SHORT SUMMARY OF THE GROWTH OF HYGIENIC SCIENCE IN THE USSR, ITS ROLE IN THE DEVELOPMENT OF NORMS FOR MAXIMUM PERMISSIBLE CONCENTRATIONS OF HARMFUL SUBSTANCES IN THE ENVIRONMENT AND ITS FUTURE ACTIVITIES, AS SPECIFIED IN THE DECISIONS OF THE 25TH CONGRESS OF THE CPSU.

VENEZUELA "ARMED BRANCH OF THE MINISTRY FOR ENVIRONMENT AND NATURAL RESOURCES IS STRUCTURED." EL NACIONAL
CASTELLANOS, JOSE EMILIO EPA
LR(B) SPANISH 09/20/77 PGS C11 ID# 05122A
ALSO PMB

THIS ARTICLE, BASED ON AN INTERVIEW WITH THE REGION FIVE ARMED FORCES COMMANDER OF VENEZUELA, DESCRIBES THE ORGANIZATION, FUNCTIONS, AND INITIAL OPERATIONS OF THE NATIONAL GUARD'S ARMED BRANCH FOR CONSERVATION OF THE ENVIRONMENT AND RENEWABLE NATURAL RESOURCES, CREATED TO WORK IN COOPERATION WITH THE MINISTRY OF ENVIRONMENT IN ENFORCING ENVIRONMENTAL LAWS AND REGULATIONS. THIS BRANCH, CONSISTING OF OVER 400 SOLDIERS, ONE ENGINEER AND THREE EXPERTS, WILL CONTINUOUSLY MONITOR THE ENVIRONMENT IN REGION FIVE (THE FEDERAL DISTRICT), THE STATE OF MIRANDA AND PART OF THE STATE OF ARAGUA. IT WILL ESPECIALLY COMBAT THE USE OF PERMITS BY DEVELOPERS TO CIRCUMVENT THE REQUIREMENTS OF ENVIRONMENTAL LAWS. ALTHOUGH INTENDED TO EVENTUALLY ACT IN A PREVENTIVE RATHER THAN CORRECTIVE CAPACITY, THE BRANCH HAS ALREADY TAKEN SEVERAL SIGNIFICANT ADMINISTRATIVE AND PENAL ACTIONS AGAINST VIOLATORS OF ENVIRONMENTAL LAWS, INCLUDING FINES, ARRESTS, AND THE HALTING OF ILLEGAL DEVELOPMENT PROJECTS. (ENGLISH TRANSLATION OF THE ARTICLE IS ATTACHED.)

GENERAL

VENEZUELA "THE NEW MINISTRY OF ENVIRONMENT AND NATURAL RESOURCES." NATURA
EPA
PM(A) SPANISH 06/00/77 PGS 37-38 ID# 05127A
ALSO PMB

THIS ARTICLE DESCRIBES THE OBJECTIVES, ORGANIZATION AND BASIC PROGRAMS OF THE VENEZUELAN MINISTRY OF ENVIRONMENT AND NATURAL RESOURCES (MARNR) WHICH WAS CREATED BY THE CENTRAL ADMINISTRATIVE ORGANIZATION LAW AND ENTERED INTO OPERATION ON APRIL 1, 1977. THE PURPOSE OF THE NEW MINISTRY, WHICH IS A REGULATORY AGENCY EMPOWERED TO ENFORCE THE 1976 ORGANIC ENVIRONMENT LAW (ID #04533A), IS TO COORDINATE DEVELOPMENT AND ENVIRONMENTAL PROTECTION IN ACCORDANCE WITH VENEZUELA'S NEEDS AND CHARACTER. THE INTEGRAL UNITS OF MARNR, NAMED IN THE ARTICLE, HAVE BEEN ORGANIZED FROM UNITS PREVIOUSLY UNDER OTHER MINISTRIES. INITIAL STAFFING CONSISTS OF ABOUT 1,300 PROFESSIONALS AND TECHNICIANS FROM ALL DISCIPLINES, BUT A LACK OF TRAINED PERSONNEL IS AMONG THE MINISTRY'S URGENT PROBLEMS. MARNR'S RELATIONSHIP TO UNEP IS ALSO BRIEFLY NOTED. THE ARTICLE CONCLUDES WITH A LIST OF BASIC PROGRAM AREAS OF MARNR, WHICH DEAL WITH: RESOURCE MANAGEMENT, POLLUTION CONTROL, REFUSE DISPOSAL, SANITATION, LAND MANAGEMENT, RESEARCH, REGULATIONS, ETC.

LAND USE

AUSTRIA "MAY 3, 1974 FEDERAL LAW NO. 286 REGARDING RESTORATION OF RESIDENTIAL AREAS (URBAN REDEVELOPMENT ACT)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA
LR(A) GERMAN 05/28/74 PGS 1455-71 ID# 05075A
*GENERAL NOISE

CANADA ALASKA HIGHWAY PIPELINE: INTERIM REPORT OF THE ENVIRONMENTAL ASSESSMENT PANEL
CANADA. ENVIRONMENT CANADA
EPA
PM(B) ENGLISH* 07/27/77 PGS 1-55 ID# 05061A
*ALSO FRENCH
*GENERAL

DENMARK "RESIDENTIAL AREA GETS A 30-METER-HIGH SILO FOR A NEIGHBOR." BERLINGSKE TIDENDE
EPA
LR(B) DANISH 10/12/77 PGS (I)5 ID# 05056A

AFTER A LENGTHY DEBATE, THE MUNICIPAL COUNCIL OF GLADSAXE HAS GRANTED THE NOVO CORPORATION DISPENSATION TO CONSTRUCT A 30 METERS HIGH SILO NEXT TO ITS FACTORY. HOWEVER, THE MUNICIPAL PLANNING LAW ONLY PERMITS A HEIGHT OF 8.5 METERS AND LOCAL RESIDENTS ARE CONCERNED THAT THE SILO MAY CAUSE POLLUTION AND NOISE. THE COUNCIL'S DECISION MUST BE APPROVED BY THE METROPOLITAN COUNCIL, WHOSE ENVIRONMENTAL COMMITTEE HAS ALREADY ISSUED CERTAIN STIPULATIONS REGARDING SMOKE, DUST, NOISE, AND THE REMOVAL OF CHEMICAL WASTE IF THE SILO IS CONSTRUCTED. THREE MONTHS AFTER ITS COMPLETION, AT THE LATEST, A REPORT MUST BE SUBMITTED TO SHOW THAT THE REGULATIONS HAVE BEEN OBEYED.

LAND USE

JAPAN
LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN, ENVIRONMENT AGENCY EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
*GENERAL AIR NOISE WATER SOLID WASTE

NORWAY
MILJOVERN--TEKNISK/OKONOMISKE ANALYSER VED OVERSIKTSPLANLEGGING (ENVIRONMENTAL PROTECTION--TECHNICAL/ECONOMIC ANALYSIS IN GENERAL PLANNING)
NORWAY, MINISTRY OF LOCAL GOVERNMENT AND LABOR EPA
PM(B) NORWEGIAN 10/00/70 PGS 1-227 ID# 05033A
AIR WATER NOISE SOLID WASTE

THIS PUBLICATION, INTENDED AS A SOURCE OF INFORMATION FOR PUBLIC OFFICIALS, SUMMARIZES THE MOST IMPORTANT TECHNICAL CONSIDERATIONS RELATING TO ENVIRONMENTAL ASPECTS OF LAND USE PLANNING, WITH PARTICULAR EMPHASIS ON CITIES, DENSELY POPULATED AREAS, AND RECREATIONAL AREAS. ENVIRONMENTALLY DETRIMENTAL SOURCES, I.E. AIR AND WATER POLLUTION, WASTE, NOISE, AND TRAFFIC CONDITIONS AS WELL AS GEOPHYSICAL ELEMENTS SUCH AS FLOODS AND LANDSLIDES ARE DISCUSSED, AND PRINCIPLES AND EXAMPLES FOR DEALING WITH THEM ARE GIVEN. ALSO COVERED ARE: INDUSTRIAL POLLUTION, ECONOMIC PLANNING, AND DISTRIBUTION OF PLANNING RESPONSIBILITIES. A LIST OF TECHNICAL TERMS WITH DEFINITIONS IS INCLUDED. APPENDED ARE: A SAMPLE CONSULTANT'S CONTRACT; CIRCULAR LETTERS AND GUIDELINES; LISTS OF POLLUTING INDUSTRY AND FOREIGN STANDARDS; AND A DISCUSSION OF THE USE OF SYMBOLS AND COLORS ON PLANNING MAPS AND OTHER DOCUMENTS. THE PUBLICATION CONTAINS NUMEROUS MAPS, CHARTS, AND ILLUSTRATIONS.

NORWAY
NORWAY INNOVATES IN ENVIRONMENTAL PLANNING
SMITH, DOUGLAS V. EPA
PM(B) ENGLISH 10/00/73 PGS 1-20 ID# 05048A
ALSO LRB
*GENERAL WATER AIR

NORWAY
NATIONAL REPORT ON NORWAY
NORWAY, MINISTRY OF ENVIRONMENT EPA
PM(A) ENGLISH 00/00/76 PGS 1-31 ID# 05097A
*GENERAL

NOISE

AUSTRIA

"MAY 3, 1974 FEDERAL LAW NO. 286 REGARDING RESTORATION OF RESIDENTIAL AREAS (URBAN REDEVELOPMENT ACT)." BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH
EPA
LR(A) GERMAN 05/28/74 PGS 1455-71 ID# 05075A
*GENERAL LAND USE

BELGIUM

"FEBRUARY 24, 1977 CROWN ORDER FIXING ACOUSTICAL STANDARDS FOR MUSIC IN PUBLIC AND PRIVATE ESTABLISHMENTS." MONITEUR BELGE
EPA
LR(A) FRENCH* 04/26/77 PGS 5371-73 ID# 01472D
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE JULY 18,1973 NOISE CONTROL LAW, FIXES PERMISSIBLE ACOUSTICAL LIMITS FOR AMPLIFIED ELECTRONIC MUSIC IN BOTH PUBLIC AND PRIVATE ESTABLISHMENTS. MAXIMUM PERMISSIBLE DECIBEL LEVEL OF MUSIC IS SET AT 90 DB. THE SOUND LEVEL IN THE NEIGHBORHOOD OF SUCH ESTABLISHMENTS IS NOT TO EXCEED BACKGROUND NOISE LEVEL BY MORE THAN 5 DB WHEN THE LATTER IS LESS THAN 30 DB AND BY MORE THAN 30 DB WHEN BACKGROUND NOISE LEVEL IS BETWEEN 30 AND 35 DB. ALSO DESCRIBED ARE THE MEASUREMENT PROCEDURES AND INSTRUMENTATION TO BE USED. OFFICIALS RESPONSIBLE FOR THE IDENTIFICATION OF VIOLATIONS ARE DESIGNATED BY THE ORDER.

JAPAN

LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN. ENVIRONMENT AGENCY
EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
*GENERAL AIR WATER SOLID WASTE LAND USE

NORWAY

LOV ON PRODUCTKONTROLL--OT. PRP. NO. 51 (PRODUCT CONTROL ACT--ODELSTING BILL NO. 51)
NORWAY. MINISTRY OF ENVIRONMENT
EPA
LR(B) NORWEGIAN* 04/18/75 PGS 1-136 ID# 04396D
*ALSO ENGLISH ALSO PMA, SE
*GENERAL SOLID WASTE TOXIC SUBS

NOISE

NORWAY
MILJOVERN--TEKNISK/OKONOMISKE ANALYSER VED OVERSIKTSPLANLEGGING (ENVIRONMENTAL PROTECTION--TECHNICAL/ECONOMIC ANALYSIS IN GENERAL PLANNING)
NORWAY, MINISTRY OF LOCAL GOVERNMENT AND LABOR EPA
PM(B) NORWEGIAN 10/00/70 PGS 1-227 ID# 05033A
*LAND USE AIR WATER SOLID WASTE

NORWAY
ENVIRONMENTAL PRODUCT CONTROL: A COMPARATIVE STUDY OF THE UNITED STATES AND NORWAY
GULDEN, PER A. EPA
PM(B) ENGLISH 05/00/76 PGS 1-104 ID# 05035A
ALSO LRB
*GENERAL TOXIC SUBS SOLID WASTE

NORWAY
STATENS FORURENSNINGSTILSYN--ARSBERETNING FOR 1976 (STATE POLLUTION CONTROL AUTHORITY--ANNUAL REPORT, 1976)
NORWAY, STATE POLLUTION CONTROL AUTHORITY EPA
PM(A) NORWEGIAN 02/00/77 PGS 1-31 ID# 05106A
ALSO PMB
*GENERAL WATER AIR SOLID WASTE

SWEDEN
"SUPREME COURT DECISION: THE GOVERNMENT WILL COMPENSATE PEOPLE PLAGUED BY TRAFFIC NOISE." SVENSKA DAGBLADET
EPA
LR(B) SWEDISH 07/22/77 PGS 1 ID# 05089A

A RECENT VERDICT IN THE SUPREME COURT STIPULATES THAT IN CERTAIN CASES PROPERTY OWNERS ARE ENTITLED TO COMPENSATION FROM THE GOVERNMENT FOR DISTURBANCES CAUSED BY TRAFFIC NOISE. THE CASE INVOLVED FIVE PROPERTY OWNERS WHO DEMANDED COMPENSATION BECAUSE NOISE DISTURBANCES HAD CAUSED A DECREASE IN THE VALUE OF THEIR PROPERTY ALONG THE VARMDO MOTORWAY EAST OF STOCKHOLM. NOW THAT THE GOVERNMENT HAS LOST ITS CASE IN THE HIGHEST COURT, COMPENSATION RANGING FROM 8,000 TO 35,000 SWEDISH KRONOR WILL BE PAID. IT IS STILL TO EARLY TO ASSESS THE CONSEQUENCES OF THIS CASE, BUT IT IS EXPECTED THAT A RASH OF NEW COMPENSATION CLAIMS WILL BE FILED.

NOISE

USSR

"FEBRUARY 2, 1960 DECREE ON NOISE ABATEMENT MEASURES IN INDUSTRY." RESHENIYA PARTII I PRAVITEL'STVA PO KHOZYAYSTVENNYM VOPROSAM, VOL. 4

LR(A) RUSSIAN 00/00/68 PGS 645-47 EPA ID# 05110A

THIS DECREE, ISSUED BY THE USSR COUNCIL OF MINISTERS, INSTRUCTS ALL NATIONAL AGENCIES CONCERNED TO DEVELOP NEW TECHNOLOGICAL MEANS FOR COMBATING NOISE IN INDUSTRY AND TO CONFORM TO THE TEMPORARY SANITARY NORMS AND REGULATIONS ON NOISE ABATEMENT ISSUED BY THE STATE SANITARY INSPECTORATE OF THE USSR MINISTRY OF HEALTH.

PESTICIDES

INDIA

"SEPTEMBER 3, 1972 ACT (NO. 46 OF 1972) TO AMEND THE INSECTICIDES ACT, 1968," INT. DIG. OF HLTH. LEG., VOL. 27, NO. 3

LR(A) ENGLISH 00/00/76 PGS 577 EPA ID# 01928B

THIS ACT, THE SUBSTANTIVE PORTIONS OF WHICH ARE REPRODUCED HERE, AMENDS THE 1968 INDIAN INSECTICIDES ACT (SEE ID NO. 01928A) TO THE EFFECT THAT THE REGISTRATION PERIOD FOR INSECTICIDES IS EXTENDED FROM SIX TO SEVENTEEN MONTHS. MINOR RELATED AMENDMENTS ARE ALSO MADE. THE FULL TEXT OF THE INSECTICIDES (AMENDMENT) ACT APPEARS IN ACTS OF PARLIAMENT, 1972.

TOGO

"SEPTEMBER 7, 1972 ORDINANCE NO. 17 REGULATING THE ORGANIZATION FOR PLANT PROTECTION IN TOGO." JOURNAL OFFICIEL DEL LA REPUBLIQUE TOGOLAISE, NO. 22

LR(A) FRENCH 09/18/72 PGS 1-3 EPA ID# 05040A

THIS ORDINANCE, PROMULGATED BY THE PRESIDENT OF TOGO, SETS FORTH THE GENERAL ADMINISTRATIVE PROVISIONS FOR PLANT PROTECTION AND PHYTOSANITARY CONTROL IN TOGO. IN PARTICULAR THESE PROVISIONS ARE AIMED AT COMBATING PLANT DISEASES AND PESTS; PREVENTING THE SPREAD OF HARMFUL PLANTS OR PLANT PESTS INTO THE COUNTRY; PREVENTING FIRES; AND CONTROLLING THE IMPORT, SALE AND USE OF PESTICIDES. PLANTS AND PESTICIDES DEALERS MUST BE REGISTERED WITH THE PLANT PROTECTION DIVISION; THE INTRODUCTION INTO THE COUNTRY OF INIMICAL PLANTS IS PROHIBITED; THE INSPECTION AND ENFORCEMENT POWERS OF THE PLANT PROTECTION DIVISION ARE DELINEATED; PROVISIONS FOR PHYTOSANITARY PUBLIC CAMPAIGNS ARE GIVEN; AND PENALTIES RANGING UP TO 25,999 FRANCS AND 60-DAY PRISON SENTENCES ARE PRESCRIBED. THE FURTHER REGULATION OF THESE PROVISIONS BY THE GOVERNMENT IS ALSO PRESCRIBED.

PESTICIDES

USSR "ON MEASURES FOR STRONGER PROTECTION OF THE BALTIC SEA BASIN FROM POLLUTION." SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 16

LR(A) RUSSIAN 00/00/76 PGS 290-96 EPA ID# 05077A
*WATER AIR

RADIATION

SINGAPORE "RADIATION PROTECTION ACT, NO. 20 OF 1973." SINGAPORE STATUTES, ANNUAL SUPPLEMENT 1973

LR(A) ENGLISH 00/00/73 PGS 375-96 EPA ID# 05037A

THIS ACT SETS FORTH THE BASIC LEGAL PROVISIONS IN SINGAPORE FOR THE PROTECTION AGAINST IONIZING RADIATIONS AND THE CONTROL OF RADIOACTIVE MATERIALS AND DEVICES. PART ONE OF THE ACT STATES COMMENCEMENT PROCEDURES AND GIVES DIFINITIONS OF PERTINENT TERMS USED IN THE ACT. PART TWO PROVIDES FOR THE APPOINTMENT OF A DIRECTOR OF RADIATION PROTECTION FOR THE GENERAL ADMINISTRATION OF THE ACT; PART THREE SETS FORTH GENERAL PROVISIONS CONCERNING THE USE, MANUFACTURE, AND DEALINGS WITH RADIOACTIVE MATERIALS AND IRRADIATING APPARATUSES; PART FOUR PRESCRIBES THE FORMS AND PROCEDURES FOR LICENSING USERS OR HANDLERS OF RADIOACTIVE SUBSTANCES OR IRRADIATING DEVICES; PART FIVE CONTAINS PROVISIONS FOR THE PROTECTION OF WORKERS AGAINST IONIZING RADIATIONS; PART SIX DEALS WITH THE DISPOSAL OF RADIOACTIVE WASTES; AND PART SEVEN CONTAINS MISCELLANEOUS PROVISIONS CONCERNING APPEALS, INSPECTIONS, TESTING, REPORTING, OFFENSES, SANCTIONS, ATTRIBUTES OF THE RADIATION ADVISORY COMMITTEE, AND THE PROMULGATION OF REGULATIONS.

SINGAPORE "RADIATION PROTECTION REGULATIONS, 1974." REPUBLIC OF SINGAPORE GOVERNMENT GAZETTE, SUBSIDIARY LEGISLATION SUPPLEMENT, NO. 40, 1974

LR(A) ENGLISH 08/30/74 PGS 573-615 EPA ID# 05037B

THESE REGULATIONS, PASSED PURSUANT TO THE SINGAPORE RADIATION PROTECTION ACT OF 1973, CONTAIN SPECIFIC PROVISIONS CONCERNING RADIATION PROTECTION AND THE CONTROL OF RADIOACTIVE MATERIALS AND DEVICES. PART I DEFINES PERTINENT TERMS AND SETS SEPTEMBER 1, 1974 AS THE DATE ON WHICH THE REGULATIONS ARE TO COME INTO FORCE. SUBSEQUENT PARTS GOVERN: EXEMPTIONS; LICENSING PROCEDURES; GENERAL WORKER REQUIREMENTS; CONTROL OF RADIATION EXPOSURE; MEDICAL AND RADIOLOGICAL SUPERVISION; LABELING OF MATERIAL AND DEVICES; STORAGE OF MATERIALS; ACCOUNTING, CHECKING AND INTERNAL TRANSPORT OF RADIOACTIVE MATERIALS; AND THE USE OF RADIOACTIVE MATERIALS AND DEVICES FOR INDUSTRIAL, MEDICAL, EDUCATIONAL AND RESEARCH PURPOSES. SCHEDULES TO THE REGULATIONS SET FORTH STANDARDS REGARDING RADIOACTIVE MATERIALS AND DEVICES, INCLUDING MAXIMUM PERMISSIBLE DOSES AND MAXIMUM ALLOWABLE CONCENTRATIONS OF RADIONUCLIDES IN AIR AND WATER.

RADIATION

SINGAPORE

"RADIATION PROTECTION (TRANSPORT OF RADIOACTIVE MATERIALS) REGULATIONS, 1974."
REPUBLIC OF SINGAPORE GOVERNMENT GAZETTE, SUBSIDIARY LEGISLATION SUPPLEMENT, NO. 40, 1974
EPA
LR(A) ENGLISH 08/30/74 PGS 616-79 ID# 05037C

THESE REGULATIONS, PASSED PURSUANT TO THE SINGAPORE RADIATION PROTECTION ACT OF 1973, GOVERN THE TRANSPORT BY AIR, LAND OR WATER OF RADIOACTIVE MATERIALS. PART I EXPLAINS THE SCOPE OF THE REGULATIONS, DEFINES PERTINENT TERMS AND DETERMINES THAT THE REGULATIONS ARE TO COME INTO FORCE ON SEPTEMBER 1, 1974. PART II SETS FORTH PROVISIONS DEALING WITH EXPOSURE LIMITS, CUSTOMS EXAMINATIONS AND ACCIDENTS; PART III SPECIFIES MATERIALS TO BE EXEMPTED UNDER THESE REGULATIONS; PART IV COVERS THE GENERAL PACKAGING AND PACKAGING DESIGN REQUIREMENTS; PART V LISTS THE ALTERNATIVE REQUIREMENTS FOR TRANSPORT OF LOW-LEVEL RADIOACTIVE MATERIALS; PART VI SETS FORTH REQUIREMENTS FOR THE PACKAGING OF RADIOACTIVE MATERIALS ACCORDING TO ACTIVITY LIMITS; PART VII CONTAINS THE REQUIREMENTS FOR TRANSPORT AND STORAGE IN TRANSPORT OF RADIOACTIVE MATERIALS; PART VIII DEALS WITH ADMINISTRATIVE REQUIREMENTS; AND PART IX SPECIFIES THE CONSIGNOR'S RESPONSIBILITIES REGARDING TRANSPORT OF RADIOACTIVE MATERIALS.

USSR

BASIC SANITARY REGULATIONS ON WORK WITH RADIOACTIVE SUBSTANCES AND OTHER
SOURCES OF IONIZING RADIATION. OSP-72
EPA
LR(A) RUSSIAN 00/00/73 PGS 1-55 ID# 01490E

THESE APRIL 10, 1972 REGULATIONS, APPROVED BY THE CHIEF SANITARY OFFICER OF THE USSR MINISTRY OF HEALTH, SUPERSEDE THE JUNE 25, 1960 REGULATIONS ON WORK WITH RADIOACTIVE SUBSTANCES. THEY ARE ISSUED IN ACCORDANCE WITH THE AUGUST 25, 1969 RADIATION SAFETY STANDARDS (NRB-69, NO. 821-1-69), THE DECEMBER 19, 1969 PRINCIPLES OF PUBLIC HEALTH LEGISLATION, AND THE 1971 SANITARY DESIGN STANDARDS (SN 245-71). THEY CONTAIN THE BASIC RADIATION SAFETY REQUIREMENTS, WHICH APPLY TO ALL ENTERPRISES, INSTITUTIONS, ETC. THAT DEAL WITH RADIOACTIVE SUBSTANCES AND OTHER SOURCES OF IONIZING RADIATION.

SOLID WASTE

AUSTRIA

"GOOD COLLECTION RESULTS FOR USED RAW MATERIALS: DEPOSIT BOTTLE GAINING
RENEWED FAVOR," DIE PRESSE
EPA
PM(B) GERMAN 09/13/77 PGS 10 ID# 05100A

AT A PRESS CONFERENCE, AUSTRIAN MINISTER OF TRADE STARIBACHER REPORTED THAT THE COLLECTION PROGRAM FOR WASTE SUBSTANCES INITIATED BY THE MINISTRY HAS SHOWN CONSIDERABLE SUCCESS TO DATE. THE AUSTRIAN SOCIETY FOR PROMOTION OF PRODUCTION, WHICH ORGANIZED THE MUNICIPAL COLLECTION ACTIVITIES, HAS RECEIVED MORE THAN 700,000 KILOGRAMS OF USED GLASS FROM ABOUT 1500 COLLECTION SITES. COLLECTION OF USED PAPER HAS EXCEEDED EXPECTATIONS WITH 17 MILLION KILOGRAMS. IN AUTUMN 1977, 1000 ADDITIONAL SPECIAL CONTAINERS FOR GLASS AND PAPER WILL BE INSTALLED TO INCREASE THE QUANTITIES COLLECTED. AT THE SAME PRESS CONFERENCE, MINISTER STARIBACHER EXPRESSED CONCERN ABOUT THE TREND IN AUSTRIA TOWARDS PLASTIC AND METAL DISPOSABLE CONTAINERS FOR BEVERAGES.

SOLID WASTE

AUSTRIA

"DEPOSITS IN THE MERCHANT'S HAND--STARIBACHER SHOOTS THE CAN," DIE PRESSE
ZERNATTO, VERONIKA EPA
PM(B) GERMAN 09/16/77 PGS 3 ID# 05101A

MINISTER OF TRADE STARIBACHER IS WORKING FOR THE USE OF RETURN-DEPOSIT BOTTLES FOR BEVERAGES IN AUSTRIA IN PLACE OF THROWAWAY BOTTLES AND CANS IN ORDER TO REDUCE WASTE. IN PACKAGING, ONLY WASTE GLASS IS NOW RECLAIMED. THREE STUDIES ON THE DEPOSIT BOTTLE ARE NOW UNDERWAY UNDER THE SPONSORSHIP OF THE MINISTRY OF TRADE AND SEVERAL PACKAGING COMPANIES. A MAJOR GOAL OF SUCH STUDIES IS TO MAKE THE DEPOSIT SYSTEM SIMPLER AND MORE UNIFORM, SO THAT THE CONSUMER WILL PAY THE SAME DEPOSIT REGARDLESS OF WHERE HE PURCHASES HIS BEVERAGE. THE FEE IS ALSO TO BE SET HIGH ENOUGH TO MOTIVATE THE CONSUMER TO RETURN THE BOTTLE AND TO COVER THE COSTS OF THE PRODUCER SHOULD BOTTLES NOT BE RETURNED. BEVERAGE MAKERS SUPPORT THE RETURNABLE BOTTLE BECAUSE FILLING MACHINERY IS CURRENTLY ADAPTED TO IT. MERCHANTS HANDLING THE DRINKS PREFER THE THROWAWAYS BECAUSE OF THE TIME AND EFFORT INVOLVED IN TAKING BACK AND SORTING BOTTLES. IT SHOULD BE NOTED, HOWEVER, THAT ONLY ONE PERCENT OF THE MOST POPULAR BEVERAGES, BEER, SOFT DRINKS AND MINERAL WATER, COME IN CANS.

FRANCE

"MR. D'ORNANO ANNOUNCES BUDGET OF 40 MILLION FRANCS FOR THE AGENCY FOR THE RECOVERY OF INDUSTRIAL WASTES," LE FIGARO
EPA
SE( ) FRENCH 10/29/77 PGS 9 ID# 05057A

THE FRENCH AGENCY FOR THE DISPOSAL AND RECOVERY OF INDUSTRIAL WASTES IS REPORTED TO HAVE ANNOUNCED THE MAJOR DIRECTIONS OF ITS PROGRAM FOR THE UPCOMING MONTHS. IN THE CLOSING OF THE AGENCY'S SECOND SESSION, THE MINISTER FOR THE ENVIRONMENT STATED THAT THE AGENCY HAS ESPOUSED AS ITS GOAL THE PROMOTION OF ACTIVITIES DIRECTED AT KEEPING FRANCE CLEAN. CREATED BY THE JULY 15, 1975 LAW, THE AGENCY IS A PUBLIC ESTABLISHMENT OF AN INDUSTRIAL AND COMMERCIAL NATURE WITH AN ADMINISTRATIVE COUNCIL HEADED BY MR. ALAIN DANGEARD AND COMPOSED OF REPRESENTATIVES FROM THE ADMINISTRATION, LOCAL JURISDICTIONS, AND VARIOUS INTEREST GROUPS. ACCORDING TO MR. D'ORNANO, THE MINISTER FOR THE ENVIRONMENT, THE BUDGET OF THE AGENCY IS TO TOTAL 40 MILLION FRANCS.

JAPAN

LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN. ENVIRONMENT AGENCY EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
*GENERAL AIR NOISE WATER LAND USE

SOLID WASTE

NORWAY
LOV ON PRODUCTKONTROLL--OT. PRP. NO. 51 (PRODUCT CONTROL ACT--ODELSTING BILL NO. 51)
NORWAY, MINISTRY OF ENVIRONMENT EPA
LR(B) NORWEGIAN* 04/18/75 PGS 1-136 ID# 04396D
*ALSO ENGLISH ALSO PMA, SE
*GENERAL NOISE TOXIC SUBS

NORWAY
LANGTIDSPROGRAMMET 1974-1977--SPECIALANALYSE 1: FORURENSNINGER (LONG-TERM PROGRAM 1974-1977--SPECIAL ANALYSIS 1: POLLUTION)
NORWAY, MINISTRY OF FINANCE EPA
PM(A) NORWEGIAN 00/00/72 PGS 1-237 ID# 05032A
ALSO LRB
*GENERAL AIR WATER

NORWAY
MILJOVERN--TEKNISK/OKONOMISKE ANALYSER VED OVERSIKTSPLANLEGGING (ENVIRONMENTAL PROTECTION--TECHNICAL/ECONOMIC ANALYSIS IN GENERAL PLANNING)
NORWAY, MINISTRY OF LOCAL GOVERNMENT AND LABOR EPA
PM(B) NORWEGIAN 10/00/70 PGS 1-227 ID# 05033A
*LAND USE AIR WATER NOISE

NORWAY
ENVIRONMENTAL PRODUCT CONTROL: A COMPARATIVE STUDY OF THE UNITED STATES AND NORWAY
GULDEN, PER A. EPA
PM(B) ENGLISH 05/00/76 PGS 1-104 ID# 05035A
ALSO LRB
*GENERAL TOXIC SUBS NOISE

NORWAY
TILTAK MOT FORURENSNINGER (MEASURES AGAINST POLLUTION)
NORWAY, MINISTRY OF ENVIRONMENT EPA
PM(B) NORWEGIAN 12/00/75 PGS 1-138 ID# 05041A
ALSO LRB, SE
*GENERAL AIR WATER TOXIC SUBS

SOLID WASTE

NORWAY

STATENS FORURENSNINGSTILSYN--ARSBERETNING FOR 1976 (STATE POLLUTION CONTROL AUTHORITY--ANNUAL REPORT, 1976)
NORWAY, STATE POLLUTION CONTROL AUTHORITY EPA
PM(A) NORWEGIAN 02/00/77 PGS 1-31 ID# 05106A
ALSO PMB
*GENERAL WATER AIR NOISE

TOXIC SUBS

DENMARK

"UNCERTAIN RULES FOR THE TRANSPORTATION OF POISONS," BERLINGSKE TIDENDE
EPA
LR(B) DANISH 09/22/77 PGS (I) 9 ID# 05104A

POISONOUS AND DANGEROUS SUBSTANCES ARE DAILY BEING TRANSPORTED ON DANISH ROADS UNDER INADEQUATE SECURITY PRECAUTIONS, REPORTS THIS ARTICLE. A WORKING GROUP WHICH HAS BEEN STUDYING THE SITUATION FOR A YEAR REPORTS THAT ALTHOUGH STRICT INTERNATIONAL RULES EXIST ON HOW TO HANDLE AND TRANSPORT SUBSTANCES WHICH COULD BE DETRIMENTAL TO PEOPLE, ANIMALS, AND THE ENVIRONMENT, THE CORRESPONDING DANISH REGULATIONS ARE AMBIGUOUS AND NEED CLARIFICATION. THE GROUP THEREFORE RECOMMENDS THAT DENMARK ADOPT THE INTERNATIONAL RULES ADHERED TO BY THE MAJORITY OF WESTERN EUROPEAN COUNTRIES. CONTROL COULD BE EXERCISED THROUGH A DOCUMENT CONTAINING INFORMATION ON PROPER HANDLING, ETC., TO ACCOMPANY THE SUBSTANCE FROM PRODUCER TO RECIPIENT, PREFERABLY IN CONNECTION WITH PHYSICAL CONTROL BY THE POLICE. THE DEBATE ON TRANSPORTATION OF POISONOUS SUBSTANCES WAS STARTED IN DENMARK IN 1972 WHEN A TRAILER TRUCK OVERTURNED DUMPING 23 TONS OF PHENOL INTO A WATERWORKS. DRINKING WATER WAS POLLUTED AND FISH AND BIRDS WERE KILLED OVER A 50 KM RADIUS.

DENMARK

ORGANIC LEAD COMPOUNDS: POLLUTION AND TOXICOLOGY. STATENS NATURVARDSVERK
PM879
GRANDJEAN, PHILIPPE, AND TORBEN NIELSEN EPA
ST( ) DANISH 00/00/77 PGS 1-78 ID# 05027A
*AIR

NORWAY

LOV ON PRODUCTKONTROLL--OT. PRP. NO. 51 (PRODUCT CONTROL ACT--ODELSTING BILL NO. 51)
NORWAY. MINISTRY OF ENVIRONMENT EPA
LR(B) NORWEGIAN* 04/18/75 PGS 1-136 ID# 04396D
*ALSO ENGLISH ALSO PMA, SE
*GENERAL NOISE SOLID WASTE

TOXIC SUBS

NORWAY
ENVIRONMENTAL PRODUCT CONTROL: A COMPARATIVE STUDY OF THE UNITED STATES AND NORWAY
GULDEN, PER A.
PM(B) ENGLISH 05/00/76 PGS 1-104 EPA ID# 05035A
ALSO LRB
*GENERAL NOISE SOLID WASTE

NORWAY
BEREDSKAP MOT AKUTT FORURENSNING (PREPAREDNESS FOR HANDLING ACUTE POLLUTION).
NOU 1974: 25
PM(B) NORWEGIAN 00/00/74 PGS 1-50 EPA ID# 05020A
ALSO LRB
*GENERAL WATER AIR

NORWAY
TILTAK MOT FORURENSNINGER (MEASURES AGAINST POLLUTION)
NORWAY, MINISTRY OF ENVIRONMENT
PM(B) NORWEGIAN 12/00/75 PGS 1-138 EPA ID# 05041A
ALSO LRB, SE
*GENERAL AIR WATER SOLID WASTE

SWEDEN
"CONTINUING BAN ON CHLOROPHENOLS." SVENSKA DAGBLADET
LR(B) SWEDISH 09/18/77 PGS 17 EPA ID# 05058A

A NUMBER OF BUSINESSES HAVE COMPLAINED TO THE GOVERNMENT THAT THE DECISION BY THE PRODUCT CONTROL BOARD IN THE SPRING OF 1977 TO BAN WOOD PRESERVATION COMPOUNDS CONTAINING CHLOROPHENOLS HAS CAUSED THEM CONSIDERABLE HARDSHIP. THE BOARD IS, HOWEVER, UNRELENTING. IT MAINTAINS THAT SINCE THERE ARE MANY SUBSTITUTES ON THE MARKET TODAY WHICH ARE NOT DANGEROUS, THERE IS NO REASON TO USE A SUBSTANCE WHICH IS PROVEN TO BE DETRIMENTAL TO HUMAN HEALTH.

WHO
ENVIRONMENTAL HEALTH CRITERIA 3: LEAD
WORLD HEALTH ORGANIZATION
ST( ) ENGLISH 00/00/77 PGS 1-160 EPA ID# 05071A

THE THIRD VOLUME OF THE ENVIRONMENTAL HEALTH CRITERIA SERIES REVIEWS AND EVALUATES THE BIOLOGICAL EFFECTS AND OTHER ENVIRONMENTAL FACTOR OF LEAD WHICH MAY INFLUENCE HEALTH, BASED ON ORIGINAL MATERIAL AS WELL AS ON MATERIAL FROM A NUMBER OF RECENT REVIEWS AND FROM THE PROCEEDINGS OF SEVERAL RECENT SYMPOSIA AND MEETINGS. FOLLOWING A SUMMARY HIGHLIGHTING MAJOR ISSUES AND MAKING RECOMMENDATIONS FOR FURTHER RESEARCH, SUBSTANTIVE CHAPTERS, CONTAINING THE RESULTS ON WHICH THE EVALUATION OF HEALTH RISKS IS BASED, COVER: PHYSICAL AND CHEMICAL PROPERTIES OF LEAD AND PROCEDURES FOR ANALYZING THEM; SOURCES OF LEAD IN THE ENVIRONMENT; ENVIRONMENTAL TRANSPORT AND DISTRIBUTION OF LEAD; ENVIRONMENTAL LEVELS AND EXPOSURES; METABOLISM OF LEAD; EXPERIMENTAL STUDIES ON THE EFFECTS OF LEAD; EPIDEMIOLOGICAL AND CLINICAL STUDIES OF THE EFFECTS OF LEAD ON MAN; AND EVALUATION OF HEALTH RISKS TO MAN FROM EXPOSURE TO LEAD AND ITS COMPOUNDS. A BIBLIOGRAPHY OF NEARLY 600 REFERENCES IS INCLUDED.

AUSTRIA "JUNE 1, 1973 TREATY RELATING TO NAVIGATION ON THE OLD RHINE,"
BUNDESGESETZBLATT FUER DIE REPUBLIK OESTERREICH

LR(A) GERMAN 12/30/75 PGS 2817-19 EPA ID# 05066A

THIS TREATY WAS SIGNED BY SWITZERLAND AND AUSTRIA WITH REGARD TO PROVISIONS OF THE CONVENTION RELATING TO NAVIGATION ON LAKE CONSTANCE AND TO PROVIDE UNIFORM NAVIGATION PRESCRIPTIONS FOR THE OLD RHINE FROM THE MOUTH TO THE BRIDGE AT RHEINECK-GAISSAU. THE TREATY STATES THAT THE PARTY NATIONS ARE TO APPLY PRESCRIPTIONS MADE PURSUANT TO THE LAKE CONSTANCE CONVENTION EXCEPT THAT SPECIAL PRESCRIPTIONS FOR THE OLD RHINE MAY BE PASSED WHERE LOCAL CONDITIONS REQUIRE THEM. THE TREATY COMES INTO FORCE JAN. 1, 1976.

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE WOOL WASHING INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 09/29/76 PGS 12328-29 EPA ID# 00549NM
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE FOLLOWING RAW WOOL TREATMENT OPERATIONS: WASHING, CARDING AND CARBONIZATION. PRESCRIPTIONS REQUIRE EFFLUENT INTENDED FOR DISCHARGE INTO PUBLIC SEWERS TO MEET THE FOLLOWING CRITERIA: BOD5 MUST NOT EXCEED 4,000 MG/L; COD MUST BE LESS THAN 16,000 MG/L; SULFATE LEVEL MUST NOT EXCEED 3,000 MG/L; SUSPENDED SOLIDS ARE LIMITED TO 2.5 GR/L; AND FIVE YEARS AFTER THE ENTRY INTO FORCE OF THIS ORDER, DETERGENTS ARE EXPECTED TO UNDERGO A MINIMAL 80 PERCENT BIODEGRADABILITY WITHIN A 24-HOUR PERIOD.

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE PAPER INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 09/29/76 PGS 12330-33 EPA ID# 00549NN
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM: 1) WOOD PULP MILLS (EXCLUSIVE OF SULFITE PROCESS MILLS); 2) PAPER MILLS; 3) COMPOSITION BOARD MILLS; AND 4) COMBINATION (PULP AND PAPER) MILLS. EXPRESSELY PROHIBITED BY THE ORDER IS THE DISCHARGE OF EFFLUENT FROM ANY OF THESE OPERATIONS INTO PUBLIC SEWERS. ADDITIONAL PRESCRIPTIONS RESTRICT THE LEVEL OF VARIOUS SUBSTANCES IN THE EFFLUENT. REQUIREMENTS PERTAIN TO BOD5, SUSPENDED SOLIDS, PHOSPHORUS, MERCURY, COD, AND SULFUR. (AN ATTACHED APRIL 22, 1977 AMENDMENT MODIFIES ARTICLES 5, 7, 9, AND 11 OF THE ORDER, CALLING FOR THE APPLICATION OF THE 1976 ORDER ON THE GENERAL REGULATION OF WASTEWATER DISCHARGES.)

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE GLASS INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 09/29/76 PGS 1233-35 ID# EPA 00549NP
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE GLASS INDUSTRY. THE ORDER DISTINGUISHES AMONG THREE CATEGORIES OF EFFLUENT FOR WHICH IT STIPULATES DIFFERENT RESTRICTIONS REGARDING THE LEVEL OF POLLUTANTS. THE THREE CATEGORIES ARE: EFFLUENT FROM THE MANUFACTURE AND USE OF PLATE GLASS; EFFLUENT FROM THE MANUFACTURE AND USE OF HOLLOW GLASS; AND EFFLUENT FROM THE MANUFACTURE AND USE OF GLASS DERIVATIVE PRODUCTS. POLLUTANT-LEVEL RESTRICTIONS APPLY TO: DETERGENTS; NON-POLAR HYDROCARBONS EXTRACTABLE BY MEANS OF CARBON TETRACHLORIDE; PHOSPHORUS; COD; PHENOLS; CERIUM; COPPER; NICKEL; CADMIUM; LEAD; AND FLUORIDES.

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR SLAUGHTERHOUSE WASTEWATER," MONITEUR BELGE

LR(A) FRENCH* 09/29/76 PGS 12336-37 ID# EPA 00549NQ
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM PUBLIC OR PRIVATE SLAUGHTERHOUSES AND FROM SPECIAL SLAUGHTERS OF MEAT-PRODUCING ANIMALS. THE ORDER REQUIRES THE EFFLUENT FOR DISCHARGE INTO BOTH PUBLIC SEWERS AND SURFACE WATER TO BE FREE OF PORK BRISTLE, STERCORACEOUS SUBSTANCES, AND, TO THE EXTENT THAT IT IS FEASIBLE, BLOOD. ADDITIONAL PROVISIONS SET FORTH ALTERNATIVE POLLUTANT-LEVEL RESTRICTIONS ACCORDING TO WHETHER EFFLUENT IS INTENDED FOR DISCHARGE INTO PUBLIC SEWERS OR SURFACE WATER. THESE RESTRICTIONS PERTAIN TO BOD5, SUSPENDED SOLIDS, COD, AND NITROGEN. (AN ATTACHED APRIL 22, 1977 AMENDMENT MODIFIES THE TERMINOLOGY USED TO DESIGNATE ESTABLISHMENTS COVERED BY THE ORDER.)

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE VEGETABLE PRESERVATION INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 09/29/76 PGS 12338-39 ID# EPA 00549NR
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM COMMERCIAL VEGETABLE PRESERVATION BY MEANS OF EVAPORATION, DEHYDRATION, FREEZE-DRYING, OR FREEZING. PROVISIONS CONTAIN TWO SEPARATE SETS OF POLLUTANT-LEVEL RESTRICTIONS FOR APPLICABILITY TO EFFLUENT INTENDED FOR DISCHARGE EITHER IN PUBLIC SEWERS OR IN SURFACE WATER. RESTRICTIONS PERTAIN TO BOD5, SUSPENDED SOLIDS, SEDIMENTARY MATERIALS, COD, AND PH VALUE.

WATER

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM DISTILLERIES AND YEAST PLANTS." MONITEUR BELGE

EPA

LR(A) FRENCH* 09/29/76 PGS 12340-41 ID# 00549NS

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM DISTILLERIES AND YEAST PLANTS. THE ORDER TREATS THE EFFLUENT FROM DISTILLERIES AND YEAST PLANTS INDIVIDUALLY WITH RESPECT TO SURFACE WATER DISCHARGES. PROVISIONS DEALING WITH PUBLIC SEWER DISCHARGES, HOWEVER, APPLY INDISCRIMINATELY TO DISTILLERIES AND YEAST PLANTS. ALL PRESCRIPTIONS SET LIMITS TO THE POLLUTANT LEVEL OF THE EFFLUENT. SUCH RESTRICTIONS PERTAIN TO BOD5, SULFATES, NITROGEN, AND COD.

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE MECHANICAL WORKING OF METALS." MONITEUR BELGE

EPA

LR(A) FRENCH* 09/29/76 PGS 12342-44 ID# 00549NT

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITONS FOR THE DISCHARGE OF WASTEWATERS FROM THE INDUSTRIES WHICH ARE RESPONSIBLE FOR THE MECHANICAL WORKING, COLD WORKING, AND SURFACE FINISHING OF METALS. THE ORDER DISTINGUISHES BETWEEN DISCHARGES CARRIED OUT INTO SURFACE WATER AND THOSE CARRIED OUT INTO PUBLIC SEWERS, AND IT SETS FORTH, IN EACH INSTANCE, PERMISSIBLE LIMITS FOR THE POLLUTANT LEVEL OF THE VARIOUS EFFLUENTS. RESTRICTIONS PERTAIN TO COD, SULFATES, FLUORIDES, CHLORINE, CYANIDES, PHOSPHORUS, AND HEAVY METALS.

BELGIUM "AUGUST 3, 1976 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM COKING PLANTS." MONITEUR BELGE

EPA

LR(A) FRENCH* 09/29/76 PGS 12344-45 ID# 00549NU

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM EXISTING COKING PLANTS. PRESCRIPTIONS LIMIT EFFLUENT PARAMETERS TO THE FOLLOWING LESSER VALUES: BOD5 SHOULD BE EITHER 100 MG/L OR 20 G/TON OF COKE PRODUCED; COD, 500 MG/L OR 100 G/TON; AND N-NH4, 250 MG/L OR 50 G/TON. PHENOLS ARE RESTRICTED TO 5 MG/L AND CYANIDES TO 1 MG/L.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE PETROCHEMICAL INDUSTRY." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7512-13 ID# 00549NV

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR WASTEWATER DISCHARGES FOR THE PETROCHEMICAL INDUSTRY AND ITS DEPENDENT ORGANIC CHEMICALS INDUSTRIES. DESIGNATED WASTEWATER CHARACTERISTICS PRESCRIBE A PH VALUE BETWEEN 6 AND 9 AND A BOD5 BELOW 300 MG/L. WASTEWATER CONCENTRATIONS ARE NOT TO EXCEED: 1.0 MG/L FOR SEDIMENTARY MATTER; 300 MG/L FOR SUSPENDED SOLIDS; AND 25 MG/L FOR NON-POLAR HYDROCARBONS. TEMPERATURE IS NOT TO EXCEED 35 DEGREES C.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE GELATIN INDUSTRY." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7514-15 ID# 00549NW

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN DISCHARGE CONDITIONS FOR THE WASTEWATER WHICH IS GENERATED BY THE GELATIN INDUSTRY. BOD5 IS NOT PERMITTED TO EXCEED 100 MG/L. PERMISSIBLE LIMITS OF 1 MG/L ARE DESIGNATED FOR SEDIMENTARY CONCENTRATIONS; OF 100 MG/L FOR SUSPENDED SOLIDS; AND OF 50 MG/L FOR PETROLEUM-ETHER EXTRACTABLE MATERIALS. LIMITS ARE ALSO SPECIFIED FOR COD (600 MG/L); PHOSPHATE CONCENTRATIONS (10 MG/L); AND AMMONIUM NITRATE CONCENTRATIONS (100 MG/L).

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR FERTILIZER INDUSTRY WASTEWATER." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7515-18 ID# 00549NX

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE FERTILIZER INDUSTRY. PROVISIONS ARE GROUPED ACCORDING TO THE FOLLOWING THREE INDUSTRY SUB-BRANCHES: PHOSPHORIC ACID AND SUPERPHOSPHATES; NITROGENOUS FERTILIZERS; AND MIXED FERTILIZERS. PHYSICAL AND CHEMICAL PARAMETERS ARE SPECIFIED BY THE ORDER FOR EACH OF THESE THREE BRANCHES. PROSCRIBED CATEGORICALLY ARE DISCHARGES OF THE FIRST TYPE INTO PUBLIC SEWERAGE.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM COMMERCIAL POULTRY SLAUGHTERHOUSES," MONITEUR BELGE

LR(A) FRENCH* 06/04/77 PGS 7518-19 EPA ID# 00549NY
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM COMMERCIAL POULTRY SLAUGHTERHOUSES. PRESCRIBED VALUES PERTAIN TO: BOD5 (LIMITED TO 50 MG/L); PETROLEUM-ETHER EXTRACTABLE MATERIALS (LIMITED TO 50 MG/L); COD (LIMITED TO 200 MG/L); AND NITROGEN (LIMITED TO 600 MG/L). ALL PRESCRIBED VALUES ARE VALID FOR A WATER CONSUMPTION OF 15 LITER PER ANIMAL SLAUGHTERED.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE MEAT PROCESSING INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 06/04/77 PGS 7520-21 EPA ID# 00549NZ
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM THE MEAT PROCESSING INDUSTRY. STIPULATED WASTEWATER CHARACTERISTICS PERTAIN TO BOD5; CONCENTRATIONS OF SEDIMENTS AND PETROLEUM-ETHER EXTRACTABLE MATERIALS; AND COD.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE POTATO PROCESSING INDUSTRY," MONITEUR BELGE

LR(A) FRENCH* 06/04/77 PGS 7521-22 EPA ID# 00549PA
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE POTATO PROCESSING INDUSTRY. PRESCRIBED CONDITIONS ARE THOSE CONTAINED IN ARTICLE 19 OF THE CROWN ORDER OF AUGUST 3, 1976 ON THE REGULATION OF WASTEWATER DISCHARGES (SEE ID #00549N) AND PERTAIN TO, AMONG OTHER THINGS, PH LEVEL, TEMPERATURE, SUSPENDED SOLIDS, ODOR, AND PERMISSIBLE CONCENTRATIONS OF MATERIALS.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE OIL MANUFACTURING INDUSTRY." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7523-24 ID# 00549PB

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE MANUFACTURE AND PROCESSING OF OILS AND ANIMAL OR VEGETABLE FATS, EXCLUSIVE OF SOAP MAKING. MAXIMUM PERMISSIBLE VALUES SET FORTH BY THE ORDER FOR SURFACE WATER DISCHARGES ARE: 9.5 FOR PH; THE EQUIVALENT OF 1.5 KG/TON OF FINISHED PRODUCT FOR BOD5; 0.5 KG/TON FOR SUBSTANCES EXTRACTABLE BY PETROLEUM ETHER; 7.5 KG/TON FOR COD; AND 20 KG/TON FOR SULPHATES. MOREOVER, EFFLUENT TEMPERATURE IS NOT TO EXCEED THE TEMPERATURE OF THE RECEIVING WATER BY MORE THAN 7 DEGREES C IF RECEIVING WATER TEMPERATURE IS ABOVE 23 DEGREES C. PERMISSIBLE VALUES FOR DISCHARGES INTO SEWERAGE RESTRICTS BOD5 TO 1200 MG/L; COD TO 2500 MG/L; AND SULPHATES TO THE EQUIVALENT OF 20 KG/TON.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE PEROXIDE PRODUCING INDUSTRY." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7525 ID# 00549PC

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE PEROXIDE PRODUCING INDUSTRY. THE STIPULATIONS CONTAINED IN ARTICLES 7 AND 19 OF THE ABOVE MENTIONED 1976 GENERAL ORDER ON THE REGULATION OF DISCHARGES (SEE ID NO. 00549N) ARE STATED TO BE APPLICABLE TO THIS PARTICULAR INDUSTRY.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM BARREL CLEANING INSTALLLATIONS." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7526-27 ID# 00549PD

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE OR SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM BARREL CLEANING INSTALLATIONS. PRESCRIPTIONS SET FORTH MAXIMUM PERMISSIBLE CONCENTRATION LEVELS FOR A VARIETY OF POLLUTANTS. THESE INCLUDE: FLUORIDES, CHLORINE, CYANIDES, PHOSPHORUS, PHENOLS, AND HEAVY METALS. ALTERNATIVE CONCENTRATION LEVELS ARE PROVIDED ACCORDING TO WHETHER EFFLUENT IS INTENDED FOR DISCHARGE INTO SURFACE WATER OR PUBLIC SEWERS.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR CHLORINE PRODUCTION WASTEWATER." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7528-29 ID# 00549PE
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE PRODUCTION OF CHLORINE BOTH BY ELECTROLYSIS AND BY THE MERCURY OR DIAPHRAGM PROCESSES, AS WELL AS FROM THE PREPARATION AND PURIFICATION OF BRINE NECESSARY TO THE PRODUCTION OF SUCH CHLORINE. PROHIBITED BY THE ORDER ARE ANY DISCHARGES INTO PUBLIC SEWERS. PRESCRIPTIONS GOVERNING THE REQUIREMENTS FOR DISCHARGE INTO SURFACE WATER PERTAIN TO PERMISSIBLE LEVELS OF SUSPENDED SOLIDS, ACTIVE AND ORGANIC CHLORINE, PH, AND MERCURY. MADE MANDATORY BY THE ORDER IS THE EVACUATION OF ALL EFFLUENT VIA A CONTROL DEVICE DESIGNED TO PERFORM THE FOLLOWING FUNCTIONS: 1) THE CONTINUOUS MEASUREMENT OF EFFLUENT FLOW RATE; 2) THE INDICATION OF THE DAILY EFFLUENT OUTFLOW; AND 3) THE CONTINUOUS MONITORING OF MERCURY CONCENTRATIONS.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM THE CHLORINATED HYDROCARBONS INDUSTRY." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7530-31 ID# 00549PF
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM THE PRODUCTION OF CHLORINATED HYDROCARBONS AND CERTAIN DERIVATIVE PRODUCTS, AS WELL AS ACTIVITIES ASSOCIATED WITH THEIR POLYMERIZATION. EXCLUDED FROM REGULATION BY THE ORDER, HOWEVER, IS THE PRODUCTION OF CHLORINATED PESTICIDES. PRESCRIBED BY THE PROVISION ARE THE FOLLOWING MAXIMUM PERMISSIBLE CONCENTRATION LEVELS FOR THE EFFLUENT: 5 MG/L FOR CHLOROFORM AND CARBON TETRACHLORIDE; 30 MG/L FOR CHLORINATED HYDROCARBONS; 1 MG/L FOR ACTIVE CHLORINE; 300 MG/L FOR COD; 50 MG/L FOR TOC; AND 2 MG/L FOR COPPER. BOD5 REQUIREMENTS ARE STATED TO BE NON-APPLICABLE TO THIS INDUSTRY.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM VARNISH AND PAINT PRODUCING ESTABLISHMENTS." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7531-33 ID# 00549PG
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM VARNISH AND PAINT PRODUCING ESTABLISHMENTS. PRESCRIBED BY THE ORDER ARE MAXIMUM PERMISSIBLE VALUES FOR VARIOUS SUBSTANCES CONTAINED WITHIN THE EFFLUENT. THESE PRESCRIPTIONS PERTAIN TO CYANIDES, PHENOLS, COD, AND HEAVY METALS AND DIFFER ACCORDING TO WHETHER THE EFFLUENT IS INTENDED FOR SEWER OR SURFACE WATER DISCHARGE.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM QUARRIES, CEMENT PLANTS, SAND PITS AND DREDGING OPERATIONS." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7533-34 ID# 00549PH

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATERS FROM QUARRIES, CEMENT PLANTS, SAND-PITS AND DREDGING OPERATIONS (EXCLUSIVE OF THOSE CARRIED OUT IN RIVERS). THE ORDER REQUIRES EFFLUENT INTENDED FOR DISCHARGE INTO SURFACE WATER TO CONTAIN NO MORE 200 MG/L OF SUSPENDED SOLIDS AND 2 ML/L OF SEDIMENTARY MATERIALS WHENEVER WIND SPEED, MEASURED AT 1.5 M FROM GROUND LEVEL, IS GREATER THAN 28 KM/H OR WHENEVER THE EFFLUENT FLOW-RATE IS GREATER THAN THE MAXIMUM DRY PERIOD RATE PROVIDED FOR IN THE AUTHORIZATION ACT. STIPULATIONS CONTAINED IN ARTICLE 7 OF THE ABOVE MENTIONED 1976 GENERAL ORDER ON THE REGULATION OF DISCHARGES (SEE ID NO. 00549N) ARE LIKEWISE MADE APPLICABLE UNDER IDENTICAL WIND AND FLOW-RATE CONDITIONS.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR FEEDLOT WASTEWATER." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7535-36 ID# 00549PJ

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM CATTLE FEEDLOTS. PRESCRIBED ARE MAXIMUM PERMISSIBLE VALUES FOR VARIOUS POLLUTANTS IN THE EFFLUENT. TWO VALUES ARE INDICATED FOR EACH OF THE PRESCRIBED PARAMETERS, THE LESSER OF THE TWO TAKING PRECEDENCE. VALUES PERTAIN TO BOD5, SUSPENDED SOLIDS, COD, NITROGEN, NITRITES, NITRATES, AND PHOSPHATES.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM STARCH PRODUCTION AND PROCESSING." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7536-37 ID# 00549PK

*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM STARCH PRODUCING AND PROCESSING FACILITIES. PRESCRIBED ARE THE FOLLOWING MAXIMUM PERMISSIBLE CONTENT LEVELS FOR THE EFFLUENT: BOD5--50 MG/L; SUSPENDED SOLIDS--100 MG/L; AND COD--500 MG/L.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM LINEN RETTING FACILITIES." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7538-39 ID# 00549PL
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM LINEN RETTING FACILITIES. PROHIBITED BY THE ORDER IS THE DISCHARGE OF EFFLUENT INTO PUBLIC SEWERS. PROVISIONS RELATIVE TO DISCHARGES INTO SURFACE WATER PRESCRIBE THE FOLLOWING MAXIMUM PERMISSIBLE CONTENT LEVELS FOR THE EFFLUENT: BOD5--300 MG/L; SUSPENDED SOLIDS--100 MG/L; SEDIMENTARY MATTER--1.5 ML/L; COD--1000 MG/L; NITROGEN--50 MG/L; AND PHOSPHORUS--30 MG/L.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM SOAP PRODUCING FIRMS." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7539-41 ID# 00549PM
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM SOAP FACTORIES AND FROM FIRMS WHICH PRODUCE THE RAW MATERIALS FOR THE MANUFACTURE OF SURFACE ACTIVE AGENTS AND/OR PROCESS SUCH RAW MATERIALS TOWARD TECHNICAL ENDS. PROVISIONS CONCERNED WITH SURFACE WATER DISCHARGES REQUIRE THE PH LEVEL OF THE EFFLUENT TO FALL WITHIN THE 6.5 TO 9.5 RANGE AND LIMIT THE BOD5 TO A LEVEL CORRESPONDING TO 150 G/TON OF MANUFACTURED PRODUCT. PRESCRIPTIONS RELATIVE TO DISCHARGES INTO PUBLIC SEWERS RESTRICT THE RATIO BETWEEN THE COD AND THE BOD5 OF THE EFFLUENT TO 15.

BELGIUM "APRIL 22, 1977 CROWN ORDER FIXING SECTORAL DISCHARGE CONDITIONS FOR WASTEWATER FROM PRINTING OFFICES." MONITEUR BELGE

EPA

LR(A) FRENCH* 06/04/77 PGS 7541-43 ID# 00549PN
*ALSO FLEMISH

THIS CROWN ORDER, ISSUED IN PURSUANCE OF THE 1971 SURFACE WATER PROTECTION LAW AND THE 1976 ORDER ON THE REGULATION OF WASTEWATER DISCHARGES INTO PUBLIC SEWERAGE AND SURFACE WATER, LAYS DOWN THE CONDITIONS FOR THE DISCHARGE OF WASTEWATER FROM PRINTING OFFICES. THE PRINTING OFFICES ARE SUBDIVIDED INTO TWO GROUPS, TYPOGRAPHY, BINDNG AND OFFSETTING CONSTITUTING THE FIRST GROUP, AND HELIOGRAPHY, PHOTOENGRAVING, AND SERIOGRAPHY, THE SECOND. THE ORDER PROHIBITS DISCHARGES BY BOTH GROUPS OF INK AND DEVELOPMENT BATH RESIDUES. SUCH EFFLUENT IS REQUIRED TO UNDERGO PROCESSING AT A RECOVERY OR DISPOSAL CENTER. NO FURTHER REQUIREMENTS ARE PRESCRIBED FOR GROUP 1 OTHER THAN THOSE CONTAINED IN THE ABOVE MENTIONED 1976 GENERAL DISCHARGE ORDER (ID #00549N). PRESCRIPTIONS RELATIVE TO GROUP 2 APPLY TO BOTH SEWER AND SURFACE WATER DISCHARGES AND SET FORTH MAXIMUM PERMISSIBLE CONTENT LEVELS FOR COPPER, CHROME, ZINC, AND SILVER.

BRAZIL BASIC LEGISLATION (1977)

LR(A) PORTUGUESE 00/00/77 PGS 1-30 EPA ID# 04021B
*GENERAL AIR

BRAZIL TECNICAS RADIOISOTOPICAS APLICADAS A ESTUDOS DE CONTROLE DA POLUICAO DO MEIO AMBIENTE (RADIOISOTOPIC TECHNIQUES APPLICABLE TO ENVIRONMENTAL POLLUTION CONTROL STUDIES)
SANCHEZ, WLADIMYR, AND OTHERS

ST( ) PORTUGUESE 00/00/75 PGS 1-54 EPA ID# 05094A
ALSO PMB

THIS REPORT, PRESENTED AT THE EIGHTH BRAZILIAN SANITARY ENGINEERING CONGRESS, HELD IN RIO DE JANEIRO DURING DECEMBER 1975, DESCRIBES METHODS TO DETERMINE THE FLOW AND DILUTION OF SEWAGE AND OTHER LIQUID AND SOLID DISCHARGES IN RECEIVING WATERS BY USING RADIOACTIVE TRACERS. INTEGRAL COUNT AND CONTINUOUS INJECTION METHODS ARE DESCRIBED AS WELL AS METHODS FOR MEASURING THE TRANSIT TIME OF WATERS IN POLLUTED LAKES AND RIVERS FOR STUDYING THE HORIZONTAL AND VERTICAL DIFFUSION RATES. THESE METHODS ARE AMPLY ILLUSTRATED IN THE TEXT OF THE REPORT WITH FORMULAS, FIGURES AND GRAPHS. THE PARTICULAR APPLICABILITY OF THESE METHODS TO STUDIES RELATING TO THE SITING OF COASTAL SUBMARINE SEWAGE DISCHARGE TUBES IS ALSO DISCUSSED AS WELL AS SOME OF THE OTHER FUTURE APPLICATIONS OF THESE METHODS IN BRAZIL.

DENMARK "FINE WATER FOR SWIMMING." BERLINGSKE TIDENDE

PM(B) DANISH 09/08/77 PGS (I) 7 EPA ID# 05088A

THE ENVIRONMENTAL COMMITTEE OF THE (COPENHAGEN) METROPOLITAN COUNCIL HAS ANNOUNCED THAT FOUR-FIFTHS OF THE 1,600 KM OF COASTAL AREA IN THE METROPOLITAN REGION ARE NOW FIT FOR SWIMMING AND OTHER RECREATIONAL ACTIVITIES. ONLY TEN YEARS AGO MANY OF THESE BEACH AREAS WERE SO POLLUTED THAT THEY WERE NOT AT ALL SUITABLE FOR SWIMMING. ALTHOUGH BATHING CONDITIONS CAN NOW BE CALLED GENERALLY GOOD, THEY ARE STILL OPEN TO FURTHER IMPROVEMENT, AND IT IS NOTED THAT NEW PURIFICATION PLANTS HAVE GONE INTO OPERATION SINCE THE 1976 SUMMER SEASON. IT IS HOPED THAT INVESTIGATIONS PRESENTLY BEING CONDUCTED AT KOGE BAY, ARRESO, MOLLEASYSTEMET, AND NIVA BAY WILL REVEAL THE EXTENT TO WHICH AN AREA OF WATER CAN BE BURDENED BY PURIFIED WASTEWATER.

EUROPEAN COMMUNITIES "DATA BANK ON OIL SPILL PREVENTION." NUISANCES ET ENVIRONNEMENT, NO. 63

PM(B) FRENCH 09/00/77 PGS 15 EPA ID# 05098A

THE EUROPEAN COMMISSION IS REPORTED TO HAVE FORWARDED PROPOSALS TO THE EC COUNCIL OF MINISTERS CONCERNING: 1) THE CREATION OF A DATA BANK ON POSSIBLE COURSES OF ACTION IN THE WAKE OF AN OIL SPILL, AND 2) THE ESTABLISHMENT OF A RESEARCH PROGRAM FOR THE DEVELOPMENT OF OIL SLICK COLLECTION AND DISPERSION TECHNOLOGIES. THE COMMISSION ALSO EXPRESSED INTEREST IN A STUDY OF THE EFFECTS OF OIL ON MARINE LIFE. IN ADDITION, CONSIDERATION IS BEING GIVEN TO THE ESTABLISHMENT OF A GROUP OF EXPERTS DEVOTED TO THE EXAMINATION OF THE CAUSES, CIRCUMSTANCES, AND EFFECTS OF RECENT SPILLS. SUCH A GROUP IS REGARDED AS A SUITABLE ORGAN FOR THE ANALYSIS OF DATA GATHERED BY THE DANISH AUTHORITIES ON THE CAUSES OF THE EKOFISK INCIDENT AND POSSIBLE MEANS OF PREVENTION.

FINLAND "STRICTER CONTROL OF WATER POLLUTION." HUFVUDSTADSBLADET
EPA
LR(B) SWEDISH 08/30/77 PGS 9 ID# 05019A
ALSO PMB

IN THE SPRING OF 1976 THE FINNISH SUPREME COURT HANDED DOWN A PREJUDICATIVE DECISION AGAINST KEMIRA OY'S FACTORY AT NYSTAD STIPULATING THAT HARMFUL SUBSTANCES PRECIPITATED THROUGH THE AIR MAY ALSO BE CONSIDERED AS CAUSES OF WATER POLLUTION. THE FINNISH BOARD OF WATERS HAS NOW ISSUED DIRECTIVES TO ALL WATER DISTRICTS TO ENFORCE STRICTER WATER POLLUTION CONTROL IN THIS REGARD, PARTICULARLY WHEN ISSUING PERMITS, ETC. ALL MAJOR INDUSTRIES MUST BE CHECKED WITH REGARD TO AIR EMISSIONS WHICH MAY CAUSE WATER POLLUTION, AND THE BOARD MUST BE NOTIFIED OF THE RESULTS BEFORE THE END OF 1977. FIVE CATEGORIES OF POLLUTANTS HAVE BEEN LISTED: POISONOUS AND DANGEROUS SUBSTANCES (I.E. MERCURY, LEAD, CADMIUM, ETC.); HARMFUL SUBSTANCES (I.E. FLUORINE COMPOUNDS, AMMONIA, ETC.); NUTRITIVE SUBSTANCES (I.E. PHOSPHORUS, NITROGEN, ETC.); SUBSTANCES WHICH CONTRIBUTE TO ACIDIFICATION (I.E. SULFUR DIOXIDE, MINERAL ACIDS, ETC.); AND SUBSTANCES WHICH INCREASE THE CONTENTS OF SALT OR THE TURBIDITY OF WATER (I.E. LIME, CEMENT, ETC.).

FRANCE "THIRD GEAR FOR RHONE-MEDITERRANEAN-CORSICA." NUISANCES ET ENVIRONNEMENT, NO. 63
EPA
PM(B) FRENCH 09/00/77 PGS 63 ID# 05116A

THE RECENT IMPLEMENTATION BY THE RHONE-MEDITERRANEAN-CORSICA BASIN FINANCE AGENCY OF ITS THIRD PROGRAM, COVERING THE PERIOD BETWEEN 1977 AND 1981, PROVIDES AN OPPORTUNITY FOR THE AUTHOR OF THIS ARTICLE TO BRIEFLY EXAMINE PAST ACCOMPLISHMENTS AND FUTURE OBECTIVES OF THE AGENCY. PREVIOUS PROGRAMS ARE CREDITED WITH THE CURRENT 60 PERCENT RATE OF POLLUTION TREATMENT. 75 PERCENT OF THE BASIN POLLUTION, HOWEVER, IS EXPECTED TO UNDERGO TREATMENT BY 1983. AN OVERVIEW OF THE FINANCIAL ASPECTS OF THE THIRD PROGRAM ESTIMATES TOTAL AGENCY EXPENSES AT 1168 MILLION FRANCS, WITH 80 PERCENT OF THIS AMOUNT EARMARKED FOR POLLUTION PREVENTION. A SURVEY OF THE TECHNICAL PROBLEMS WHICH THE NEW PROGRAM EXPECTS TO SOLVE COVERS INDUSTRIAL EFFLUENT TREATMENT, LINKAGE TO URBAN NETWORKS, AND MAINTENANCE OF TREATMENT FACILITIES ON THE MUNICIPAL LEVEL. SOLUTIONS PROPOSED WITHIN THE CONTEXT OF THE PROGRAM ARE CITED.

GERMANY,FED REP OF "EFFECTS OF THE SEWAGE FEE LAW ON INVESTMENT PLANNNING AND DEVELOPMENT IN ENTERPRISES, MUNICIPALITIES, AND WATER ASSOCIATIONS." UMWELT, NO. 58
GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR
EPA
SE( ) GERMAN 09/26/77 PGS 9 ID# 05125A

UNDER CONTRACT TO THE FEDERAL MINISTRY OF THE INTERIOR, THE PUBLIC FINANCE RESEARCH INSTITUTE AT THE UNIVERSITY OF COLOGNE HAS JUST ISSUED A REPORT ON THE EFFECT OF THE SEWAGE FEE LAW, PASSED IN SEPTEMBER 1976 BY THE FEDERAL DIET. AFTER A DISCUSSION OF THE METHODOLOGY EVOLVED FOR THE STUDY, THE REPORT REVEALS RESULTS OF AN INITIAL SURVEY OF AFFECTED GROUPS. THE CLEAREST RESULTS OF THE ANTICIPATED FEE, TO BE IMPOSED IN FOUR YEARS, ARE OBSERVABLE IN PRIVATE ENTERPRISE. INFORMATION IS LESS CLEAR IN REGARD TO COMMUNITIES AND WATER ASSOCIATIONS. EFFECTS OF THE LAW INCLUDE A GREATER READINESS TO INVEST IN SEWAGE PURIFICATION MEASURES, MORE INTENSIVE INVESTMENT PLANS, AND ACCELERATED INVESTMENT OR BUILDING PLANS. MORE THAN 50 PERCENT OF THOSE QUESTIONED WERE FINISHING SEWAGE PURIFICATION FACILITIES PLANNED OR IN CONSTRUCTION MORE RAPIDLY. FURTHERMORE, MANY ENTERPRISES ANTICIPATE DEVELOPMENT OF MORE COMPREHENSIVE TREATMENT PROCEDURES. THE REPORT CONCLUDES THAT NO INCREASE IN THE FEE IS NECESSARY AT THIS TIME.

INTERNATIONAL

"JUNE 1, 1973 CONVENTION RELATING TO NAVIGATION ON LAKE CONSTANCE TOGETHER WITH APPENDIX AND SUPPLEMENTARY PROTOCOL." BUNDESGESTEZBLATT FUER DIE REPUBLIK OESTERREICH

EPA

LR(A) GERMAN 12/30/75 PGS 2811-17 ID# 05065A

THIS CONVENTION, SIGNED BY AUSTRIA, THE FEDERAL REPUBLIC OF GERMANY, AND SWITZERLAND, RELATES TO THE UPPER LAKE AND UEBERLINGER LAKE AREAS OF LAKE CONSTANCE. IT PROVIDES THAT THE PARTY STATES WILL PASS SIMILAR PRESCRIPTIONS FOR NAVIGATION ON THE LAKE TO ENSURE THE SAFETY AND EASE OF TRAFFIC AND TO PREVENT ENVIRONMENTAL DAMAGES. REGULATIONS FOR FLOATING INSTALLATIONS WILL ALSO BE MADE INSOFAR AS NECESSARY TO ACHIEVE THESE ENDS. TO PROTECT THE ENVIRONMENT, STATES MAY FORBID TRAFFIC WITH SPECIFIC TYPES OF VEHICLES OR PROHIBIT NAVIGATION ON CERTAIN PARTS OF THE LAKE OR AT GIVEN TIMES. SHIPS REQUIRE APPROVAL TO OPERATE ON THE LAKE, AND SHIP'S OPERATORS REQUIRE PERMITS OR LICENSES. THE CONVENTION PROVIDES GUIDELINES FOR IMPLEMENTING THE CONVENTION AND PURSUANT REGULATIONS. IN ADDITION IT ESTABLISHES AN INTERNATIONAL NAVIGATION COMMISSION FOR LAKE CONSTANCE, COMPOSED OF PARTY STATE REPRESENTATIVES, AND PROVIDES FOR A COMMISSION OF ARBITRATION TO RESOLVE DISAGREEMENTS. THE CONVENTION COMES INTO FORCE JAN. 1, 1976.

ITALY

"COMMISSION IN FRIULI FOR THE PROTECTION OF WATER." CORRIERE DELLA SERA

EPA

PM(B) ITALIAN 07/07/77 PGS 11 ID# 05046A
ALSO LRB

THE PRESIDENT OF THE ITALIAN REGIONAL GOVERNMENT OF FRIULI-VENEZIA GIULIA IS REPORTED TO HAVE ESTABLISHED A REGIONAL COMMISSION FOR THE PROTECTION OF WATER FROM POLLUTION WHICH IS TO BE IN CHARGE OF RESEARCH AND THE COORDINATION OF ACTIVITIES DEALING WITH WATER PROTECTION. THIS COMMISSION WAS ESTABLISHED IN PURSUANCE OF NATIONAL LAW NO. 319, WHICH ASSIGNED TO THE REGIONS, AMONG OTHERS, THE FOLLOWING RESPONSIBILITIES: THE MAINTENANCE OF A DISCHARGE MONITORING SYSTEM; THE PERFORMANCE OF SAMPLING OPERATIONS; AND THE PREPARATION OF PLANS FOR THE IMPROVEMENT OF WATER QUALITY. THE CONCERN OF THE FRIULI-VENEZIA GIULIA REGION WITH MATTERS OF WATER RESOURCES HAS BEEN APPARENT IN ITS PAST UNDERTAKINGS, WHICH THE AUTHOR BRIEFLY DESCRIBES. AS LONG AGO AS 1970 THE REGION IS REPORTED TO HAVE ENACTED A LAW WHICH CHARGED THE LOCAL JURISDICTIONS WITH THE CONSTRUCTION OF WASTEWATER TREATMENT FACILITIES AND WHICH MADE FUNDING AVAILABLE FOR OPERATIONS AMOUNTING TO 11 BILLION LIRE.

JAPAN

"NEW MEASURES SUGGESTED TO CURB WATER POLLUTION." JAPAN TIMES

EPA

LR(B) ENGLISH 12/10/77 PGS 2 ID# 05128A

THE ADVISORY CENTRAL COUNCIL FOR CONTROL OF ENVIRONMENTAL POLLUTION HAS SUBMITTED A RECOMMENDATION TO THE ENVIRONMENT AGENCY FOR A NEW WATER POLLUTION CONTROL MEASURE UNDER WHICH WATER POLLUTANTS WOULD BE RESTRICTED BY QUANTITY INSTEAD OF BY DENSITY AS AT PRESENT. THE COUNCIL REPORTS THAT BECAUSE THE PRESENT SYSTEM ALLOWS SOURCES TO DISCHARGE LARGE QUANTITIES OF POLLUTANTS IF THEY ARE DILUTED WITH WATER, IT IS IMPOSSIBLE TO ATTAIN ENVIRONMENTAL STANDARDS IN AREAS WITH ONLY A FEW OUTLETS SUCH AS THE INLAND SEA. AFFECTED BY THE QUANTITATIVE CONTROLS, WHICH WOULD COVER COASTAL AS WELL AS UPPER STREAM AREAS, WOULD BE INDUSTRIAL PLANTS AND OTHER POLLUTION SOURCES SUBJECT TO THE WATER POLLUTION CONTROL LAW. TOTAL AMOUNT OF POLLUTANTS FOR EACH AREA WOULD BE BASED ON ENVIRONMENTAL STANDARDS; CHEMICAL OXYGEN DEMAND WOULD BE USED AS A POLLUTION INDEX. THE ENVIRONMENT AGENCY PLANS TO INTRODUCE A BILL PROVIDING FOR THIS NEW CONTROL IN THE NEXT DIET, WITH THE HOPE OF BEGINNING ITS GRADUAL IMPLEMENTING BY THE END OF 1979 IN AREAS SUCH AS THE INLAND SEA.

WATER

JAPAN
LONG-TERM ENVIRONMENTAL CONSERVATION PROGRAM
JAPAN, ENVIRONMENT AGENCY EPA
PM(B) ENGLISH 06/00/77 PGS 1-174 ID# 05060A
ALSO PMB, SE
*GENERAL AIR NOISE SOLID WASTE LAND USE

NORWAY
ERSTATNINGSANSVAR FOR FORURENSINGSSKADER (CLAIM FOR COMPENSATION FOR POLLUTION DAMAGES), NOU 1973: 8
EPA
LR(B) NORWEGIAN 00/00/73 PGS 1-44 ID# 05022A
ALSO PMB

THIS OFFICIAL REPORT PRESENTS A DRAFT LAW CONCERNING CLAIMS FOR COMPENSATION FOR POLLUTION CAUSED BY THE SEARCH FOR OR EXTRACTION OF SUBOCEANIC NATURAL RESOURCES. THE BACKGROUND AND NEED FOR SUCH LEGISLATION IS SURVEYED IN THE FIRST PART OF THE REPORT. CHAPTERS COVER: OPERATIONS ON THE NORWEGIAN CONTINENTAL SHELF; SURVEY OF FOREIGN CLAIMS LEGISLATION; CURRENT NORWEGIAN LEGISLATION GOVERNING THE OPERATIONS ON THE CONTINENTAL SHELF; RISK OF POLLUTION; NORWEGIAN ACTIONS AGAINST OIL POLLUTION; CLAIMS LEGISLATION PRESENTLY IN FORCE; INTERNATIONAL RULES CONCERNING CLAIMS FOR COMPENSATION FOR OIL POLLUTION CAUSED BY TANKER TRANSPORTATION; THE NEED FOR REGULATIONS; THE QUESTION OF OBJECTIVE AND SUBJECTIVE RESPONSIBILITY; THE QUESTION OF WHICH DAMAGES THE LAW SHOULD COVER; THE LAW'S GEOGRAPHIC FIELD OF ACTION; EXEMPTIONS AND LIMITATIONS; DUTY TO POST SECURTIY; QUESTIONS OF JOINT RESPONSIBILITY AND LEGAL REMEDY; PROCESSING OF CLAIMS; NOTICE TO CREDITORS; AND RELATIONSHIP TO OTHER LEGISLATION PERTAINING TO COMPENSATION.

NORWAY
LANGTIDSPROGRAMMET 1974-1977--SPECIALANALYSE 1: FORURENSNINGER (LONG-TERM PROGRAM 1974-1977--SPECIAL ANALYSIS 1: POLLUTION)
NORWAY, MINISTRY OF FINANCE EPA
PM(A) NORWEGIAN 00/00/72 PGS 1-237 ID# 05032A
ALSO LRB
*GENERAL AIR SOLID WASTE

NORWAY
MILJOVERN--TEKNISK/OKONOMISKE ANALYSER VED OVERSIKTSPLANLEGGING (ENVIRONMENTAL PROTECTION--TECHNICAL/ECONOMIC ANALYSIS IN GENERAL PLANNING)
NORWAY, MINISTRY OF LOCAL GOVERNMENT AND LABOR EPA
PM(B) NORWEGIAN 10/00/70 PGS 1-227 ID# 05033A
*LAND USE AIR NOISE SOLID WASTE

WATER

NORWAY BEREDSKAP MOT AKUTT FORURENSNING (PREPAREDNESS FOR HANDLING ACUTE POLLUTION).
NOU 1974: 25
EPA
PM(B) NORWEGIAN 00/00/74 PGS 1-50 ID# 05020A
ALSO LRB
*GENERAL TOXIC SUBS AIR

NORWAY WATER MANAGEMENT IN NORWAY
SAMDAL, J.E.
EPA
PM(B) ENGLISH 00/00/75 PGS 1-50 ID# 05021A

THIS REPORT WAS PRESENTED AT A MEETING ARRANGED BY NORDFORSK (SCANDINAVIAN COUNCIL FOR APPLIED SCIENCE) IN ICELAND IN SEPTEMBER 1973. GENERAL INFORMATION ABOUT NORWAY PERTAINING TO AREA, POPULATION, CLIMATE, AND ADMINISTRATIVE DIVISIONS AND ECONOMY IS CAPSULIZED. A SURVEY OF WATER RESOURCES COVERS AVAILABLE WATER, THE CHARACTER OF WATER, AND WATER USE. LEGISLATION, ADMINISTRATION, AND WATER MANAGEMENT PLANNING ARE BRIEFLY OUTLINED. A CHAPTER DEALING WITH WATER MANAGEMENT PRACTICE INCLUDES A DISCUSSION OF POLLUTION CONTROL AND SPECIAL POLLUTION PROBLEMS. WATER RESEARCH AND INVESTIGATIONS ARE SUMMARIZED. A LITERATURE COMPILATION AND NUMEROUS CHARTS AND TABLES ARE APPENDED.

NORWAY WATER USE AND DEVELOPMENT IN NORWAY: RESOURCES, NEEDS AND POLICY OPTIONS
NORWAY. MINISTRY OF ENVIRONMENT
EPA
PM(B) ENGLISH 00/00/76 PGS 1-24 ID# 05023A

THIS REPORT WAS PREPARED BY THE NORWEGIAN PREPARATORY COMMITTEE FOR THE UNITED NATIONS WATER CONFERENCE IN MARCH 1977. IT ASSESSES THE NORWEGIAN WATER SITUATION BY SURVEYING PRESENT WATER RESOURCES, NEEDS AND POLICY OPTIONS. FUNCTIONS AND RESPONSIBILITIES OF VARIOUS MINISTRIES ARE DISCUSSED AS WELL AS PROGRESS MADE IN EXPANDING THE FINANCIAL FUNCTIONS OF THESE AUTHORITIES. RESEARCH AND TRAINING IN WATER RESOURCES MANAGEMENT AND WATER QUALITY PROTECTION AND ENVIRONMENTAL ASPECTS OF WATER MANAGEMENT ARE COVERED. IT IS NOTED THAT ACID PRECIPITATION OVER SOUTHERN NORWAY HAS INCREASED IN RECENT YEARS. THE QUALITY OF NORWEGIAN WATER IS EVALUATED. TWO TABLES DEPICT THE WATER QUALITY OF SOME NORWEGIAN WATER COURSES AS INDICATED BY THE MEANS OF MONTHLY SAMPLES IN 1966-1970, AND THE WATER QUALITY OF SOME NORWEGIAN LAKES AS INDICATED BY THE MEANS OF MONTHLY SAMPLES IN 1966-1969.

NORWAY TILTAK MOT FORURENSNINGER (MEASURES AGAINST POLLUTION)
NORWAY, MINISTRY OF ENVIRONMENT
EPA
PM(B) NORWEGIAN 12/00/75 PGS 1-138 ID# 05041A
ALSO LRB, SE
*GENERAL AIR SOLID WASTE TOXIC SUBS

NORWAY
NORWAY INNOVATES IN ENVIRONMENTAL PLANNING
SMITH, DOUGLAS V.
PM(B) ENGLISH 10/00/73 PGS 1-20 EPA ID# 05048A
ALSO LRB
*GENERAL LAND USE AIR

NORWAY
OM ARBEIDET MED EN LANDSPLAN FOR BRUKEN AV VANNRESSURENE (ON PREPARATION OF A NATIONAL PLAN FOR THE USE OF WATER RESOURCES). PARLIAMENTARY REPORT NO. 107, 1974-75
PM(B) NORWEGIAN 05/02/75 PGS 1-104 EPA ID# 05092A

THE MINISTRY OF ENVIRONMENT PRESENTS IN THIS PARLIAMENTARY REPORT A NATIONAL PLAN FOR THE USE OF WATER RESOURCES, EMPHASIZING CONCRETE MEASURES TO BE UNDERTAKEN IN ORDER TO REDUCE WATER POLLUTION. THE CHAPTER ENTITLED "WATER RESOURCES IN TODAY'S SOCIETY: AVAILABILITY, NEED, AND CONFLICT" COVERS: INTERACTION BETWEEN DEVELOPMENT OF A SOCIETY AND WATER NEEDS AND WATER POLLUTION; INTERNATIONAL GUIDELINES OF IMPORTANCE FOR THE UTILIZATION OF WATER RESOURCES; POLLUTION IN NORWAY; AND THE INDIVIDUAL USER'S NEEDS AND DEMANDS FOR WATER QUALITY. THE CHAPTER DEALING WITH ALTERNATIVE MEASURES AND CONSEQUENCES DISCUSSES MEASURES TO CONTROL POLLUTION IN CITIES, VILLAGES, INDUSTRY, AND AGRICULTURE AS WELL AS GENERAL TECHNICAL AND FINANCIAL WAYS TO DO SO. THE REPORT CONCLUDES WITH A SUGGESTED PROGRAM OF ACTION FOR THE NEXT FEW YEARS IN ORDER TO IMPROVE WATER CONDITIONS IN NORWAY. SPECIAL REPORTS AND NUMEROUS MAPS SURVEYING THE WATER POLLUTION SITUATION IN THE COUNTRY ARE APPENDED.

NORWAY
STATENS FORURENSNINGSTILSYN--ARSBERETNING FOR 1976 (STATE POLLUTION CONTROL AUTHORITY--ANNUAL REPORT, 1976)
NORWAY, STATE POLLUTION CONTROL AUTHORITY
PM(A) NORWEGIAN 02/00/77 PGS 1-31 EPA ID# 05106A
ALSO PMB
*GENERAL AIR NOISE SOLID WASTE

NORWAY
FORURENSNINGER OG MILJOVERNTILTAK I GRENLAND (POLLUTION AND ENVIRONMENTAL EFFORTS IN GRENLAND)
NORWAY. STATE POLLUTION CONTROL AUTHORITY
PM(B) NORWEGIAN 10/00/77 PGS 1-6 EPA ID# 05112A
AIR

THIS REPORT BY THE STATE POLLUTION CONTROL AUTHORITY OUTLINES THE AIR AND WATER POLLUTION SITUATION IN GRENLAND, THE MOST HEAVILY INDUSTRIALIZED AREA IN NORWAY. SOURCES AND CAUSES OF POLLUTION ARE DISCUSSED AND IMPORTANT EFFORTS TO REDUCE EMISSIONS FROM ESTABLISHED AS WELL AS PLANNED INSTALLATIONS ARE SURVEYED. THE CONTROL SECTION OF THE STATE POLLUTION CONTROL AUTHORITY HANDLES THE SYSTEM OF CONTROL AND SUPERVISION IN COOPERATION WITH THE FYLKESMAN (CHIEF COUNTY ADMINISTRATIVE OFFICER) AND THE CONTROL BOARD FOR INDUSTRIAL POLLUTION FOR TELEMARK.

NORWAY EXTRAORDINARY APPROPRIATIONS FOR REINFORCEMENT OF THE OIL POLLUTION CONTINGENCY PLANNING: PARLIAMENTARY BILL NO. 182 (1975-76)
NORWAY, MINISTRY OF ENVIRONMENT EPA
PM(B) ENGLISH 00/00/76 PGS 1-49 ID# 05113A
ALSO LRB

THE PARLIAMENTARY BILL DISCUSSED HERE INTRODUCES PROPOSALS FOR REINFORCEMENT MEASURES CONCERNING NATIONAL OIL POLLUTION CONTINGENCY PLANNING, TO COME INTO EFFECT IN 1977, WITH THE OBJECTIVE OF BRINGING THE OIL POLLUTION CONTINGENCY ARRANGEMENTS UP TO A SATISFACTORY LEVEL BY THE SUMMER OF 1978. THE PRESENT SITUATION IS TRACED WITH REGARD TO RESPONSIBILITY FOR PAYMENT, AVAILABLE EQUIPMENT, AND POSSIBLE DIVISION OF AUTHORITY CONCERNING OIL POLLUTION. INDIVIDUAL CHAPTERS COVER: OIL EXPLORATION AND EXPLOITATION ACTIVITIES ON THE CONTINENTAL SHELF AND RELATED POLLUTION HAZARDS; OIL SPILLS FROM SHIPS; LIABILITY FOR OIL POLLUTION DAMAGE; ORGANIZATION OF OIL POLLUTION CONTINGENCY PLANNING; OIL POLLUTION CONTROL EQUIPMENT; THE NEED FOR REINFORMCEMENT OF CONTINGENCY PLANNING; RESEARCH AND DEVELOPMENT; AND EXTRAORDINARY APPROPRIATIONS. A SURVEY OF AVAILABLE OIL POLLUTION CLEAN-UP EQUIPMENT AND CHARTS AND MAPS OUTLINING CONSUMPTION OF OIL AND TRANSPORT OF OIL BY TANKERS IN NORWAY ARE APPENDED.

NORWAY HVO SKAL VI GJORE MED FORURENSNING FRA SPREDT BEBYGELLSE OF FRA LANDBRUKET?
(WHAT SHALL WE DO WITH POLLUTION FROM SPARSELY POPULATED AREAS AND FROM AGRICULTURE?)
NORWAY, MINISTRY OF ENVIRONMENT EPA
PM(B) NORWEGIAN 00/00/77 PGS 1-7 ID# 05114A

THIS PUBLICATION INFORMS THE PUBLIC OF THE POLLUTION OF LAKE MJOSA AND OFFERS CONCRETE SUGGESTIONS ON IMPROVING THE SITUATION. 360 TONS OF PHOSPHORUS ARE EMITTED INTO THE LAKE ANNUALLY, AN AMOUNT WHICH MUST BE REDUCED BY HALF WITHIN THREE YEARS IN ORDER TO SAVE THE LAKE. ALTHOUGH POLLUTION COMES FROM THE LAKE'S ENTIRE PRECIPITIATION FIELD, THIS PAMPHLET DEALS ONLY WITH POLLUTION FROM CATTLE FARMING AND FROM SPARSELY POPULATED AREAS NOT CONNECTED TO A MUNICIPAL SEWERAGE INSTALLATION, THE SOURCES OF ONE-THIRD OF PHOSPHORUS POLLUTION. AS EXPLAINED HERE, OFFICIALS ARE TO INVESTIGATE AND MAP OUT POLLUTION FROM EACH HOUSEHOLD, REGISTERING SEWERAGE FACILITIES, ETC. IF EXTREME POLLUTION EXISTS, OWNERS WILL BE ORDERED TO INSTALL A PURIFICATION PLANT OF THE TYPE ILLUSTRATED HERE. INFORMATION AND ADVICE ARE ALSO INCLUDED COVERING: THE STORING AND SPREADING OF MANURE; SEWAGE FROM MILKING FACILITIES; EMISSIONS FROM SILOS; AND HELP IN PLANNING AND FINANCING.

NORWAY MJOSA SKAL REDDES (LAKE MJOSA MUST BE SAVED)
EPA
PM(B) NORWEGIAN 00/00/77 PGS 1-3 ID# 05120A

THIS PAMPHLET, PUBLISHED BY THE STATE POLLUTION CONTROL AUTORITY AND THE MINISTRY OF ENVIRONMENT, AIMS TO INFORM THE PUBLIC OF THE ACUTE POLLUTION OF LAKE MJOSA. AFTER A SHORT REVIEW OF CURRENT INCREASES IN ALGAE AND PHOSPHATE CONTENTS, THE PAMPHLET OUTLINES MEASURES UNDERTAKEN BY THE GOVERNMENT IN ORDER TO STEM AND REVERSE THIS TREND. IN 1973, THE STORTING (NORWEGIAN PARLIAMENT) ALLOCATED 60 MILLION NORWEGIAN KRONER TO IMPROVE MUNICIPAL SEWAGE INSTALLATIONS, AND INDUSTRIAL PURIFICATION PLANTS MUST COMPLY WITH STANDARDS BY THE END OF 1977. THE PUBLIC IS URGED TO HELP SAVE THE LAKE BY USING PHOSPHATE FREE DETERGENTS, BY REGULARLY, AT LEAST ONCE A YEAR, EMPTYING SEPTIC TANKS OR SLUDGE FILTERS IF THEY ARE BEING USED, AND BY FOLLOWING OFFICIAL GUIDELINES IF INSTALLATION OF A PRIVATE SEWAGE SYSTEM IS NECESSARY.

SINGAPORE "SURFACE WATER DRAINAGE REGULATIONS, 1976." SINGAPORE GOVERNMENT GAZETTE, SUBISDIARY LEGISLATION SUPPLEMENT, NO. 27, 1976

LR(A) ENGLISH 06/11/76 PGS 310-12 EPA ID# 03051C

THESE REGULATIONS, COMING INTO FORCE ON JUNE 15, 1976, WERE PROMULGATED BY THE SINGAPORE MINISTRY OF THE ENVIRONMENT PURSUANT TO SECTION 68 OF THE WATER POLLUTION CONTROL AND DRAINAGE ACT OF 1975. THE REGULATIONS SPECIFY THAT THE STANDARDS, DESIGNS, REQUIREMENTS, PROCEDURES AND OTHER DETAILS PERTAINING TO SURFACE WATER DRAINAGE WORKS AND ACTIVITIES SHALL BE IN ACCORDANCE WITH A CODE OF PRACTICE ON SURFACE WATER DRAINAGE ISSUED FROM TIME TO TIME BY THE DIRECTOR OF WATER POLLUTION CONTROL AND DRAINAGE. FURTHER PROVISIONS OF THE REGULATIONS REQUIRE NON-GOVERNMENT DRAINAGE WORKS PLANS TO BE APPROVED BY THE DIRECTOR AND SPECIFY CERTAIN GENERAL REQUIREMENTS GOVERNING THE CONSTRUCTION, LOCATION, AND BLOCKAGE OF DRAINAGE SYSTEMS. CONTRAVENTIONS OF THE REGULATIONS CARRY PENALTIES OF FINES OF UP TO 2,000 DOLLARS AND OF UP TO 100 DOLLARS EACH DAY THE OFFENSE CONTNUES AFTER CONVICTION.

SINGAPORE "WATER POLLUTION CONTROL AND DRAINAGE ACT, NO. 29, OF 1975." SINGAPORE STATUTES, ANNUAL SUPPLEMENT 1975

LR(A) ENGLISH 00/00/75 PGS 193-227 EPA ID# 05031A

THIS ACT SETS FORTH THE BASIC LEGAL PROVISIONS FOR THE CONTROL OF WATER POLLUTION, DRAINAGE AND SEWERAGE IN SINGAPORE. PART I OF THE ACT DEFINES PERTINENT TERMS USED FURTHER IN THE ACT. PART II PROVIDES FOR THE APPOINTMENT BY THE MINISTER OF A DIRECTOR OF WATER POLLUTION CONTROL AND DRAINAGE AND ANY NUMBER OF DEPUTY AND ASSISTANT DIRECTORS AS NEEDED. PART III OF THE ACT DEALS WITH THE USE, CONSTRUCTION, MAINTENANCE AND ADOPTION OF DRAINS AND RELATED MATTERS. PART IV, CONCERNING WATER POLLUTION PER SE, CONTAINS TWO SECTIONS ON THE PROHIBITION OF EXTRACTION OF WATER AND ON PENALTIES FOR POLLUTING WATER. PART V CONTAINS SEVERAL SECTIONS COVERING THE USE, CONSTRUCTION, MAINTENANCE, AND ADOPTION OF SEWERAGE SYSTEMS AND RELATED MATTERS. THE LARGEST PART OF THE ACT, PART VI, DELINEATES MISCELLANEOUS ENFORCEMENT AND LEGAL MECHANISMS INVOLVED IN THE ADMINISTRATION OF THE ACT. THESE INCLUDE PROVISIONS ON INSPECTIONS, LEGAL AND ADMINISTRATIVE PROCEEDINGS IN THE RECOVERY OF DAMAGES AND COSTS, PENALTIES, APPEALS, EXEMPTIONS, REGULATIONS, ETC.

SINGAPORE "SANITARY PLUMBING AND DRAINAGE SYSTEMS REGULATIONS, 1976." SINGAPORE GOVERNMENT GAZETTE, SUBSIDIARY LEGISLATION SUPPLEMENT, NO. 27, 1976

LR(A) ENGLISH 06/11/76 PGS 302-09 EPA ID# 05031B

THESE REGULATIONS, COMING INTO FORCE ON JUNE 15, 1976, WERE PROMULGATED BY THE SINGAPORE MINISTRY OF THE ENVIRONMENT PURSUANT TO SECTION 68 OF THE WATER POLLUTION CONTROL AND DRAINAGE ACT OF 1975. THE REGULATIONS SPECIFY THAT THE STANDARDS, DESIGNS, REQUIREMENTS, PROCEDURES, AND OTHER DETAILS PERTAINING TO SANITARY PLUMBING AND DRAINAGE SHALL BE IN ACCORDANCE WITH A CODE OF PRACTICE ON SANITARY PLUMBING AND DRAINAGE SYSTEMS ISSUED BY THE MINISTRY OF ENVIRONMENT. THE REGULATIONS ALSO SET FORTH GENERAL REQUIREMENTS FOR CONSTRUCTION OF DRAINAGE SYSTEMS AND RELATED WORKS, FOR SANITARY APPLIANCES AND PLUMBING, AND FOR THE CARRYING OUT OF SANITARY WORKS. QUALIFICATIONS FOR SANITARY WORKERS ARE ALSO LISTED. ADDITIONAL MISCELLANEOUS PROVISIONS OF THE REGULATIONS SET FORTH SPECIFIC DUTIES AND RESPONSIBILITIES OF PREMISE OCCUPIERS AND OTHERS IN THE MAINTENANCE OF SANITARY FACILITIES. THESE REGULATIONS REVOKE THE DRAINAGE AND SANITARY PLUMBING REGULATIONS PASSED IN 1965 UNDER THE LOCAL GOVERNMENT ACT.

SINGAPORE "TRADE EFFLUENT REGULATIONS, 1976," SINGAPORE GOVERNMENT GAZETTE, SUBSIDIARY LEGISLATION SUPPLEMENT, NO. 27, 1976

LR(A) ENGLISH 06/11/76 PGS 313-20 EPA ID# 05031D

THESE REGULATIONS, COMING INTO FORCE ON JUNE 15, 1976, WERE PROMULGATED BY THE SINGAPORE MINISTRY OF THE ENVIRONMENT PURSUANT TO SECTIONS 14 AND 68 OF THE WATER POLLUTION CONTROL AND DRAINAGE ACT OF 1975. THEY PROHIBIT OUTRIGHT THE DISCHARGE OF TRADE EFFLUENTS INTO THE NATURAL CATCHMENT AREA OF THREE RESERVOIRS LISTED IN THE SCHEDULE OF THE REGULATIONS AND REQUIRE WRITTEN PERMISSION FROM THE DIRECTOR OF WATER POLLUTION CONTROL FOR THE DISCHARGE OF TRADE EFFLUENTS INTO WATERCOURSES, ONTO LAND, INTO THE SEA, OR INTO SEWERAGE SYSTEMS OTHER THAN A TREATMENT PLANT. PROCEDURES FOR OBTAINING SUCH PERMISSION AND THE CONDITIONAL REQUIREMENTS WHICH MAY BE IMPOSED BY THE DIRECTOR ARE DESCRIBED. PHYSICAL, CHEMICAL AND BIOLOGICAL STANDARDS FOR TRADE EFFLUENTS ARE LISTED AND ARE TO BE DETERMINED IN ACCORDANCE WITH U.S. METHODS. OFFENSES CARRY INITIAL FINES OF UP TO 5,000 DOLLARS AND FURTHER FINES OF UP TO 100 DOLLARS EACH DAY THE OFFENSE CONTINUES. THESE REGULATIONS ALSO REVOKE SIMILIAR REGULATIONS PASSED UNDER OTHER ACTS.

SINGAPORE "SEWAGE TREATMENT PLANTS REGULATIONS, 1976," SINGAPORE GOVERNMENT GAZETTE, SUBSIDIARY LEGISLATION SUPPLEMENT, NO. 32, 1976

LR(A) ENGLISH 07/16/76 PGS 407-10 EPA ID# 05031E

THESE REGULATIONS, COMING INTO FORCE ON AUGUST 1, 1976, WERE PROMULGATED BY THE SINGAPORE MINISTRY OF THE ENVIRONMENT PURSUANT TO SECTION 68 OF THE WATER POLLUTION CONTROL AND DRAINAGE ACT OF 1975. FOR THE PURPOSE OF THESE REGULATIONS "SEWAGE TREATMENT PLANT" IS DEFINED AS "A PRIVATELY OWNED SEPTIC TANK, OWNED BY A PERSON OTHER THAN THE GOVERNMENT, AND ANY OTHER PLANT FOR THE TREATMENT OF NIGHTSOIL AND SEWAGE." THE DIRECTOR OF WATER POLLUTION CONTROL IS EMPOWERED TO MAINTAIN PRIVATELY OWNED SEWAGE TREATMENT PLANTS AS HE SEES FIT, AND IN RETURN FOR THIS SERVICE, HE MAY DEMAND THAT ANY NECESSARY OPERATION OR MAINTENANCE COSTS BE PAID BY PLANT OWNERS, OR HE MAY REQUIRE OWNERS TO PERFORM ANY NECESSARY WORK OR MAINTENANCE AT THEIR OWN EXPENSE. REGULAR MAINTENANCE FEES PAYABLE TO THE DIRECTOR ARE DETERMINED BY THE CAPACITY OF THE SEWAGE TREATMENT PLANT AS LISTED IN THE SCHEDULE TO THE REGULATIONS. CONTRAVENORS OF THESE REGULATIONS ARE LIABLE TO FINES OF UP TO 5,000 DOLLARS. EARLIER SIMILIAR REGULATIONS ARE REVOKED.

SWEDEN SJOFAGELVARD VID SJORESTAURERING (PROTECTION OF SEA BIRDS WHEN RESTORING LAKES). STATENS NATURVARDSVERK PUBLIKATIONER 1976:15
SWEDEN. NATIONAL ENVIRONMENT PROTECTION BOARD EPA

PM(B) SWEDISH 12/00/76 PGS 1-83 ID# 05130A
ALSO ST

THIS PUBLICATION DISCUSSES METHODS OF RESTORING POLLUTED OR FILLED-IN LAKES WITHOUT MAKING THE HABITAT UNSUITABLE FOR WILD BIRDS. CHAPTERS DISCUSS: THE LAKE AS AN ENVIRONMENT FOR BIRDS; DIFFERENT TYPES OF LAKES AND THEIR SPECIFIC BIRD FAUNA; PLANNING FROM AN ORNITHOLOGICAL POINT OF VIEW; PLANNING BACKGROUND; DIFFERENT METHODS OF RESTORATION, FOR INSTANCE, VEGETATION CONTROL, REMOVAL OF SEDIMENT, CHEMICAL DEPOSITION, OXYGEN INLET, WATER RENEWAL, LIMING, BIOLOGICAL MEANS, AND RAISING OF THE WATER LEVEL; TREATMENT OF VEGETATION IN WATERS RICH IN VEGETATION; MEASURES TO PRESERVE SEA BIRD HABITAT IN WATERS WHICH ARE SEVERELY FILLED IN; RESTORATION IN LOWERED WATERS OR WATERS WHICH ARE BECOMING FILLED IN; DEVELOPMENT OF BEACH AREAS; CREATION OF PLACES SUITABLE FOR BREEDING; DISTURBANCE WHILE THE LAKE AND SURROUNDINGS ARE BEING RESTORED; AND POSSIBILITIES OF OBSERVATION. A LIST OF SMALL LAKES ALREADY RESTORED IS INCLUDED AS WELL AS A LITERATURE COMPILATION. THE PUBLICATION IS ILLUSTRATED AND CONTAINS MAPS AND CHARTS.

SYRIA

"MARCH 26, 1972 LAW NO. 10 CONCERNING THE POLLUTION OF SYRIAN ARAB REGIONAL WATERS AND NEIGHBORING INTERNATIONAL WATERS." RECUEIL DES LOIS...DE LA REP. ARABE SYRIENNE

LR(A) FRENCH 02/00/72 PGS 42-46 EPA ID# 05034A

THIS LAW, PROMULGATED BY THE PRESIDENT OF SYRIA, DEFINES OIL POLLUTION, FIXES RESPONSIBILITIES AND PENALTIES FOR OIL POLLUTION, SETS FORTH THE RELATED ADMINISTRATIVE AND LEGAL PROVISIONS, AND PROVIDES FOR CERTAIN EXEMPTIONS FROM PENALTIES WHEN OIL POLLUTION IS CAUSED UNDER EXTENUATING CIRCUMSTANCES. WATER IS TO BE CONSIDERED POLLUTED WHEN IT CONTAINS OVER ONE HUNDRED PARTS PER MILLION OF OIL. OWNERS OR OPERATORS OF SHIPS, INSTALLATIONS OR OTHER EQUIPMENT WHICH CAUSE OIL POLLUTION ARE LIABLE TO PENALTIES AND DAMAGES. SHIPMASTERS MUST MAINTAIN AN OIL RECORD BOOK IN ACCORDANCE WITH THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF OIL POLLUTION OF THE SEA, AND OIL INSTALLATION OWNERS MUST TAKE APPROPRIATE POLLUTION PREVENTION MEASURES. CONTRAVENORS OF THE LAW ARE LIABLE TO FINES RANGING FROM 5,000 TO 25,000 SYRIAN POUNDS AND FROM 10,000 TO 100,000 SYRIAN POUNDS FOR RECURRING OFFENSES. THE GENERAL DIRECTORATE OF PORTS ACTING WITH OTHER AGENCIES IS RESPONSIBLE FOR THE ADMIISTRATION OF THIS LAW.

TUNISIA

"MARCH 23, 1973 LAW NO. 73-9 RATIFYING THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF MARINE POLLUTION BY HYDROCARBONS..." JOURNAL OFFICIEL DEL LA REPUBLIQUE TUNISIENNE

LR(A) FRENCH 03/23/73 PGS 409 EPA ID# 05047A

THIS LAW, PROMULGATED BY THE PRESIDENT AND NATIONAL ASSEMBLY OF TUNISIA, RATIFIES THE 1954 INTERNATIONAL CONVENTION FOR THE PREVENTION OF MARINE POLLUTION BY HYDROCARBONS, AS AMENDED IN 1961, 1969, AND 1971, WITH THE EXCEPTION OF ARTICLE EIGHT OF THE CONVENTION, WHICH STATES: "A DISPUTE MAY NOT BE DEFFERED TO THE INTERNATIONAL COURT OF JUSTICE WITHOUT THE AGREEMENT OF ALL THE PARTIES TO THE DISPUTE."

TUNISIA

"MARCH 31, 1975 LAW NO. 75-16 PROMULGATING THE WATER CODE." JOURNAL OFFICIEL DE LA REPUBLIQUE TUNISIENNE

LR(A) FRENCH 04/01/75 PGS 612-16* EPA ID# 05306A
*ALSO 04/04/75 PP 640-46

THIS LAW, ISSUED BY THE PRESIDENT AND NATIONAL ASSEMBLY OF TUNISIA, PROMULGATES THE WATER CODE OF TUNISIA, WHICH UNIFIES PROVISIONS CONCERNING WATER SUPPLY, USE AND PROTECTION AND ABROGATES CERTAIN EARLIER WATER LAWS. THE CODE CONSISTS OF 160 ARTICLES DIVIDED INTO NINE CHAPTERS. (CHAPTERS ONE TO FOUR ARE PROMULGATED IN THE JOURNAL OFFICIEL OF APRIL 1, 1975 AND CHAPTERS FIVE TO NINE ARE IN THE JOURNAL OFFICIEL OF APRIL 4, 1975.) THE CHAPTERS DEAL WITH THE FOLLOWING TOPICS: 1) DEFINITION OF THE PUBLIC WATER DOMAIN; 2) CONSERVATION AND POLICING OF THE PUBLIC WATER DOMAIN; 3) WATER USE RIGHTS; 4) RIPARIAN FEES AND CHARGES; 5) AUTHORIZATIONS AND CONCESSIONS; 6) WATER USE SCHEMES; 7) WATER NUISANCES, INCLUDING WATER POLLUTION AND INUNDATIONS; 8) WATER USE ASSOCIATIONS; AND 9) JURISDICTIONS AND PENALTIES CONCERNING WATER USE.

USSR "ON PROCEDURES FOR CALCULATING THE AMOUNT OF FINES FOR HARM CAUSED TO FISH AND OTHER LIVING RESOURCES IN USSR COASTAL ZONES." SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 23
EPA
LR(A) RUSSIAN 00/00/77 PGS 471-73 ID# 04393B

THIS AUGUST 8, 1977 DECREE OF THE USSR COUNCIL OF MINISTERS ESTABLISHES THE RIGHT OF STATE FISH PRESERVATION AGENCIES TO DEMAND COMPENSATION FROM STATE ENTERPRISES, ORGANIZATIONS, INSTITUTIONS, COLLECTIVE FARMS AND USSR AND FOREIGN CITIZENS FOR HARM CAUSED TO FISH AND OTHER LIVING RESOURCES. THIS IS TO BE ACCOMPLISHED IN ACCORDANCE WITH THE DECEMBER 19, 1976 EDICT OF THE USSR SUPREME SOVIET PRESIDIUM, "ON TEMPORARY PROCEDURES TO PRESERVE LIVING RESOURCES AND TO REGULATE FISHING IN THE USSR COASTAL ZONES." THEY ARE ALSO INSTRUCTED TO USE THE ATTACHED FIXED RATES AS A GUIDELINE FOR CALCULATING THE CORRECT AMOUNT OF FINES TO BE APPLIED AGAINST VIOLATORS OF THE DECEMBER 19, 1976 EDICT. IN CASES WHERE THIS IS NOT APPLICABLE, THE AMOUNT OF COMPENSATION IS TO BE DETERMINED BY THE USSR MINISTRY OF FISH INDUSTRY WITH THE COOPERATION OF THE USSR MINISTRY OF FINANCE AND OTHERS CONCERNED AGENCIES.

USSR PRAVOVAYA OKHRANA VOD I RYBNYKH ZAPASOV V SSSR (LEGAL PROTECTION OF WATER AND FISH RESOURCES IN THE USSR). NOVOE V ZHIZNI, NAUKE, TAKNIKE. SERIYA: GOSUDARSTVO I PRAVO, NO. 10
KOLBASOV, O.S.
EPA
LR(A) RUSSIAN 00/00/74 PGS 1-62 ID# 05029A

THE AUTHOR PRESENTS THE ESTABLISHED LEGAL SYSTEM FOR THE PROTECTION OF WATER AND FISH RESOURCES IN THE USSR. HE ALSO DISCUSSES THE BASIC LEGAL REQUIREMENTS FOR THE PROTECTION OF WATER FROM POLLUTION AND DEPLETION, WAYS TO MEET THESE REQUIREMENTS, AND THE LIABILITIES INVOLVED IN THEIR VIOLATION.

USSR "ON MEASURES TO PREVENT POLLUTION OF THE VOLGA AND DON RIVERS BY UNTREATED WASTEWATER." SISTEMATICHESKOE SOBRANIE ZAKONOV RSFSR, VOL. 8
EPA
LR(A) RUSSIAN 00/00/68 PGS 305-08 ID# 05069A

THIS DECEMBER 31, 1964 DECREE OF THE RSFSR COUNCIL OF MINISTERS WAS ISSUED TO PREVENT POLLUTION OF THE VOLGA AND DON RIVER BASINS BY UNTREATED WASTEWATER AND TO ENSURE THAT WATER RESOURCES ARE UTILIZED RATIONALLY TO MEET THE NEEDS OF THE POPULATION, INDUSTRY AND AGRICULTURE. IT OBLIGES THE RSFSR MINISTRIES AND DEPARTMENTS TO FINANCE THE CONSTRUCTION OF SEWERAGE AND TREATMENT FACILITIES FOR INDUSTRIAL AND DOMESTIC WASTEWATER AND TO PROHIBIT THE USE OF ALLOCATED FUNDS AND MATERIAL FOR ANY OTHER PURPOSE. THE RSFSR MINISTRY OF HEALTH AND THE STATE INDUSTRIAL COMMITTEE FOR IRRIGATION FARMING AND WATER MANAGEMENT ARE RESPONSIBLE FOR IMPLEMENTING THIS DECREE AND ARE SUPPOSED TO INTENSIFY THEIR CONTROL OVER SANITARY CONDITIONS OF RESERVOIRS AND THE CONSTRUCTION OF WASTEWATER TREATMENT FACILITIES. THE SAME AGENCIES ARE TO PROHIBIT THE OPERATION OF ANY ENTERPRISE THAT DOES NOT MEET THE ESTABLISHED WASTEWATER TREATMENT REQUIREMENTS.

WATER

USSR "ON MEASURES FOR STRONGER PROTECTION OF THE BALTIC SEA BASIN FROM POLLUTION."
SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 16
EPA
LR(A) RUSSIAN 00/00/76 PGS 290-96 ID# 05077A
AIR PESTICIDES

THIS JULY 16, 1976 DECREE OF THE USSR COUNCIL OF MINISTERS INSTRUCTS THE RSFSR, BYELORUSSIAN, LITHUANIAN, LATVIAN AND ESTONIAN COUNCILS OF MINISTERS, AND OTHER USSR AGENCIES TO CARRY OUT A COMPLEX PLAN FOR ELIMINATING THE DISCHARGE OF UNTREATED INDUSTRIAL AND DOMESTIC WASTEWATER INTO RIVERS AND OTHER WATER BODIES OF THE BALTIC SEA BASIN BY 1985. IT LISTS MAJOR ENTERPRISES, CITIES AND COMMUNITIES WHERE APPROPRIATE ACTION MUST BE TAKEN BY 1980. THE DECREE ALSO STIPULATES WHAT MEASURES SHOULD BE TAKEN TO MINIMIZE THE DISCHARGE OF HARMFUL SUBSTANCES INTO THE ATMOSPHERE AND CALLS FOR CLOSER SUPERVISION OVER THE USE OF CHEMICALS IN AGRICULTURE.. A NUMBER OF ALL-UNION AND UNION-REPUBLIC MINISTRIES ARE ASKED TO INTENSIFY THEIR CONTROL OVER THE BALTIC SEA BASIN POLLUTION AND TO COME UP WITH A COMPREHENSIVE LONG-TERM REGIONAL PLAN FOR THE AREA UP TO THE YEAR 2000. THE OVERALL RESPONSIBILITY FOR ENSURING COMPLIANCE WITH THIS DECREE IS ASSIGNED TO THE USSR COMMITTEE OF PEOPLE'S CONTROL.

USSR "CRIMINAL-LEGAL PROTECTION OF WATER AND AIR FROM POLLUTION."
SOTSIALISTICHESKAYA ZAKONNOST', NO. 6
PAKUTIN, V.
EPA
LR(B) RUSSIAN 06/00/77 PGS 40-42 ID# 05080A
*AIR

USSR "ON MEASURES TO PREVENT POLLUTION OF THE IVAN'KOVSK RESERVOIR ON THE VOLGA RIVER BY UNTREATED WASTEWATER." SISTEMATICHESKOE SOBRANIE ZAKONOV RSFSR, VOL. 8
EPA
LR(A) RUSSIAN 00/00/68 PGS 301-02 ID# 05083A

THIS JUNE 29, 1964 DECREE, ISSUED BY THE RSFSR COUNCIL OF MINISTERS, IS TO PREVENT POLLUTION OF THE IVAN'KOVSK RESERVOIR AND TO INCLUDE IT INTO THE SANITARY PROTECTION ZONE OF THE MOSCOW WATER SUPPLY SYSTEM. ALL CONCERNED RSFSR MINISTRIES AND DEPARTMENTS ARE TO CONSTRUCT REQUIRED SEWERAGE AND TREATMENT FACILITIES. THE RSFSR MINISTRY OF HEALTH AND THE STATE INDUSTRIAL COMMITTEE FOR IRRIGATION FARMING AND WATER MANAGEMENT ARE RESPONSIBLE FOR IMPLEMENTING THIS DECREE.

USSR "ON THE ABROGATION OF SOME WATER MANAGEMENT DECISIONS OF THE USSR GOVERNMENT," SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 10

LR(A) RUSSIAN 00/00/77 PGS 201 EPA ID# 05084A

THIS FEBRUARY 10, 1977 DECREE OF THE USSR COUNCIL OF MINISTERS ABROGATES SECTIONS A, V AND G OF PARAGRAPH 2, AND SECTION A OF PARAGRAPH 10 OF THE USSR COUNCIL OF MINISTERS DECREE "ON MEASURES TO REGULATE THE USE AND IMPROVE PROTECTION OF WATER RESOURCES IN THE USSR," ISSUED ON APRIL 22, 1960. THESE SECTIONS DEALT MOSTLY WITH THE RECORDING OF QUALITATIVE AND QUANTITATIVE INDICES OF SURFACE WATER AND GROUNDWATER RESOURCES.

USSR "JUNE 2, 1976 DECREE ON THE DEVELOPMENT AND RATIFICATION OF A COMPLEX WATER PROTECTION AND UTILIZATION SCHEME." SOBRANIE POSTANOVLENIY PRAVITEL'STVA SSSR, NO. 11

LR(A) RUSSIAN 00/00/76 PGS 216-18 EPA ID# 05105A

THIS DECREE OF THE USSR COUNCIL OF MINISTERS WAS ISSUED IN ACCORDANCE WITH THE 1970 PRINCIPLES OF WATER LEGISLATION. IT ASSIGNS THE DEVELOPMENT OF A COMPLEX SCHEME FOR THE PROTECTION AND UTILIZATION OF NATIONAL WATER RESOURCES TO THE USSR MINISTRY OF LAND RECLAMATION AND WATER RESOURCES, THE USSR MINISTRY OF POWER AND ELECTRIFICATION AND TO SPECIALIZED ORGANIZATIONS OF OTHER MINISTRIES AND DEPARTMENTS. THE UNION-REPUBLIC COUNCILS OF MINISTERS ARE RESPONSIBLE FOR THE UNION-REPUBLIC WATER RESOURCES AND TOGETHER WITH THE USSR MINISTRY OF LAND RECLAMATION AND WATER RESOURCES AND THE USSR STATE PLANNING COMMITTEE (GOSPLAN) ARE TO DEVELOP YEARLY AND LONG-RANGE PLANS FOR THE UTILIZATION AND PROTECTION OF NATIONAL WATER RESOURCES. THIS DECREE ALSO ABROGATES PARAGRPAH 9 AND SECTION B OF PARAGRAPH 2 OF THE APRIL 22, 1960 DECREE, "ON MEASURES TO REGULATE THE USE AND IMPROVE PROTECTION OF WATER RESOURCES," ISSUED BY THE USSR COUNCIL OF MINISTERS.

USSR "ON MEASURES TO PREVENT POLLUTION OF THE RIVER OB' IN THE AREA OF NOVOSIBIRSK AND THE CONSTRUCTION OF SEWERAGE...." SISTEMATICHESKOE SOBRANIE ZAKONOV RSFSR, VOL. 8

LR(A) RUSSIAN 00/00/68 PGS 302-03 EPA ID# 05109A

THIS DECREE, ISSUED BY THE RSFSR COUNCIL OF MINISTERS ON AUGUST 8, 1964, IS TO PREVENT POLLUTION OF THE OB' RIVER WITH INDUSTRIAL AND DOMESTIC SEWAGE AND TO IMPROVE ITS SANITARY CONDITIONS IN THE AREA OF NOVOSIBIRSK. IT PLACES ON THE RSFSR CONSTRUCTION MINISTRY THE RESPONSIBILITY FOR BUILDING SEWERAGE AND TREATMENT FACILITIES IN THE AREA CONCERNED. THE RSFSR STATE PLANNING (GOSPLAN) AND CONSTRUCTION (GOSSTROY) COMMITTEES AND OTHER AGENCIES ARE TO INCLUDE IN THEIR CONSTRUCTION PLANNING SEWERAGE AND TREATMENT FACILITIES AS REQUIRED BY THIS DECREE. (FULL TITLE: "ON MEASURES TO PREVENT POLLUTION OF THE RIVER OB' IN THE AREA OF NOVOSIBIRSK AND THE CONSTRUCTION OF SEWERAGE AND TREATMENT FACILITIES IN THE CITIES OF BERDSK AND NOVOSIBIRSK.")

USSR "METHODS FOR CALCULATING THE LOSS TO THE FISHING INDUSTRY AS A RESULT OF WASTEWATER AND OTHER WASTE DISCHARGES INTO RESERVOIRS." OKHRANA PRIRODY
BLINOV, V. M. ED. EPA
LR(A) RUSSIAN 00/00/71 PGS 333-35 ID# 05131A

THIS AUGUST 16, 1967 DOCUMENT, APPROVED BY THE USSR MINISTRY OF FISH INDUSTRY, PROVIDES METHODS FOR CALCULATING THE LOSS TO THE FISHING INDUSTRY AS A RESULT OF RESERVOIR POLLUTION. VARIOUS EXAMPLES OF RESERVOIR POLLUTION ARE GIVEN AS A GUIDE FOR DETERMINING POSSIBLE LOSSES TO THE FISHING INDUSTRY.

USSR "THE SEA IS OUR FRIEND." PRAVDA
EPA
PM(B) RUSSIAN 07/17/77 PGS 1 ID# 05038A

ALTHOUGH THE NATURAL COASTAL ENVIRONMENT IS PROTECTED IN MANY AREAS, MUCH MORE MUST BE ACCOMPLISHED TO ENSURE A COMPLETE HALT OF COASTLINE POLLUTION AND DETERIORATION, ACCORDING TO THIS ARTICLE. LOCAL SOVIETS AND THE SANITATION INSPECTION SERVICE MUST INSIST THAT FACILITIES FOR TREATING INDUSTRIAL AND MUNICIPAL EFFLUENTS ARE INSTALLED AND USED PROPERLY IN EVERY COASTAL CITY. AGRICULTURAL AND LUMBERING PERSONNEL MUST MORE STRICTLY OBSERVE THE REGULATIONS COVERING THE USE OF POISONOUS CHEMICALS AND CHEMICAL FERTILIZERS. THE MARITME FLEET MINISTRY, THE MINISTRY OF FISH INDUSTRY AND OTHER DEPARTMENTS THAT HAVE VARIOUS FLOATING CRAFTS AND INSTALLATIONS MUST PARTICIPATE MORE IN PROTECTING THE NATURAL COASTAL ENVIRONMENT. EVERY VESSEL MUST HAVE FACILITIES FOR COLLECTING AND TREATING POLLUTED WATER. CONSTRUCTION PROJECTS SHOULD BE PLANNED CAREFULLY IN ORDER NOT TO CAUSE ANY SERIOUS HARM TO THE COASTAL ENVIRONMENT.

USSR "HYGIENIC ASPECTS OF WATER RESOURCES PROTECTION IN THE LIGHT OF THE DECREE OF THE CC OF THE CPSU AND THE USSR COUNCIL OF MINSTERS...." GIGIENA I SANITARIYA, NO. 2
AKULOV, K. I. EPA
PM(B) RUSSIAN 02/00/76 PGS 3-7 ID# 05063A

ACCORDING TO THE AUTHOR, THE DEPUTY MINISTER AND CHIEF SANITARY OFFICER OF THE RSFSR MINISTRY OF HEALTH, THE IMPLEMENTATION OF THE MARCH 13, 1972 DECREE DEALING WITH POLLUTION OF THE VOLGA AND URAL RIVER BASINS WAS MAINLY DUE TO THE EFFORTS OF HYGIENISTS AND SANITARY OFFICIALS OF THE RSFSR MINISTRY OF HEALTH. HE POINTS OUT THAT THE SANITARY CONDITIONS OF WATER IN THE VOLGA AND URAL RIVERS HAS IMPROVED AND THAT THE MINISTRY IS INTENSIFYING ITS SANITARY SUPERVISION OF CITIES, ENTERPRISES, ETC. THAT HAVE NOT FULLY COMPLIED WITH THE REQUIREMENTS OF THIS DECREE. THE MINISTRY IS CARRYING OUT RESEARCH ON THE EFFECT OF HARMFUL SUBSTANCES ON THE HUMAN ORGANISM AND ON FASTER METHODS FOR DETERMINING ADMISSIBLE NORMS OF HARMFUL SUBSTANCES IN THE AIR, WATER AND FOOD PRODUCTS. (FULL TITLE: "HYGIENIC ASPECTS OF WATER RESOURCES PROTECTION IN THE LIGHT OF THE CC OF THE CPSU AND THE USSR COUNCIL OF MINISTERS DECREE ON MEASURES TO PREVENT POLLUTION OF THE VOLGA AND URAL RIVER BASINS BY UNTREATED WASTEWATER.")

WATER

USSR PREDEL'NO DOPUSTIMYE KONTSENTRATSII VREDHYKH VESHCHESTV v VOZDUKHE I VODE
(MAXIMUM PERMISSIBLE CONCENTRATIONS OF HARMFUL SUBSTANCES IN THE AIR AND WATER)
BESPAMYATNOV, G.P., AND OTHERS, ED. EPA
ST( ) RUSSIAN 00/00/75 PGS 1-546 ID# 05121A
*AIR

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