



**DIRECTIVE NUMBER:** 9441.19(85)

**TITLE:** Empty Drums Containing Metallic Nickel or Nickel  
Oxide

**APPROVAL DATE:** 5-31-85

**EFFECTIVE DATE:** 5-31-85

**ORIGINATING OFFICE:** Office of Solid Waste

☒ **FINAL**

☐ **DRAFT**

**LEVEL OF DRAFT**

☐ A — Signed by AA or DAA

☐ B — Signed by Office Director

☐ C — Review & Comment

**REFERENCE (other documents):**

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Key Words: Containers, Listed Waste

Regulations:

Subject: Empty Drums Containing Metallic Nickel or Nickel Oxide

Addressee: Frank W. Schaller, Inco Limited, Park 80 West-Plaza Two,  
Saddle Brook, New Jersey 07662

Originator: Alan S. Corson, Branch Chief, Studies and Methods Branch

Source Doc: #9441.19(85)

Date: 5-31-85

Summary:

This letter states that empty drums that contained metallic nickel or nickel oxide are not a hazardous waste. This is because these substances are not listed hazardous wastes, nor are they covered by the EP toxicity characteristic.

MAY 31 1985

Mr. Frank W. Schaller  
Inco Limited  
Park 80 West-Plaza Two  
Saddle Brook, New Jersey 07662

Dear Mr. Schaller:

In your letter of May 8, 1985, you request an Agency determination regarding the regulatory status of empty drums that contained either metallic nickel or nickel oxide.

Under the current hazardous waste regulations, metallic nickel and nickel oxide are not listed hazardous wastes nor are they constituents covered by the EP Toxicity Characteristic. Thus, empty drums that contained these compounds are likewise not a hazardous waste.

Although these waste are not covered under the Federal rules, you should consult with State officials to determine whether State requirements differ from the Federal. In many cases, State rules are more stringent.

If you have questions or require additional information, contact Jacqueline Sales, of my staff, at (202) 382-4807.

Sincerely,

Alan S. Corson  
Branch Chief  
Studies and Methods Branch