

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Nickel-63 Radiological Response - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region II

**Subject:** POLREP #9  
Final PolREP for PJ Action  
Nickel-63 Radiological Response  
  
Guaynabo, PR  
Latitude: 18.4439396 Longitude: -66.1129342

**To:**

**From:** Eric M. Daly/Geoff Garrison, On-Scene Coordinators

**Date:** 1/14/2011

**Reporting Period:** 11/02/10 thru 01/14/11

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> CERCLA	<b>Response Type:</b> PRP Oversight
<b>Response Lead:</b> EPA	<b>Incident Category:</b> Removal Action
<b>NPL Status:</b>	<b>Operable Unit:</b>
<b>Mobilization Date:</b>	<b>Start Date:</b> 2/7/2010
<b>Demob Date:</b>	<b>Completion Date:</b> 1/14/2011
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

**1.1.1 Incident Category**

Radiological Assessment

**1.1.2 Site Description**

Storage Facility

**1.1.2.1 Location**

Guayanabo, Puerto Rico

**1.1.2.2 Description of Threat**

Instruments containing sealed Nickel-63 Sources

**1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

Pending

**2. Current Activities**

**2.1 Operations Section**

**2.1.1 Narrative**

On 12/8/10, Smiths Detection informed EPA that all 37 of the IONSCAN 400A instruments formerly in possession of the Administracion de Correccion were received at the Smith Detection New Jersey Facility. Smiths Detection has removed the IMS assembly containing the sealed radioactive source from each instrument and will be returning them to their factory in Toronto, Canada. The instrument decommission certificates were sent out to the Administracion de Correccion on 12/9/10.

On 12/30/10, Smiths Detection informed EPA that all 37 units were inventoried and shipped to the Smiths Detection manufacturing plant in Mississauga, Ontario Canada, for disassembly and source removal. Smiths Detection considers this a closed matter.

01/14/11, OSC Daly contacted Smiths Detection to obtain further clarification on the final destination of the Ni-63 sources. Smiths Detection Radiation Safety Officer (RSO) informed EPA that once the sources are delivered to their Toronto facility they are considered disposed as far as their (US) records. These sources may be either recycled or disposed depending on the source age. OSC Daly contacted RERT Commander, Sam Poppell, and he confirmed that EPA actions are completed in this matter.

#### **2.2 Planning Section**

No information available at this time.

#### **2.3 Logistics Section**

No information available at this time.

#### **2.4 Finance Section**

No information available at this time.

#### **2.5 Other Command Staff**

No information available at this time.

### **3. Participating Entities**

No information available at this time.

### **4. Personnel On Site**

No information available at this time.

### **5. Definition of Terms**

No information available at this time.

### **6. Additional sources of information**

No information available at this time.

### **7. Situational Reference Materials**

No information available at this time.

