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NSY PORTSMOUTH  
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EMAIL CONTAINING MINUTES AND AGENDA FOR RESTORATION ADVISORY BOARD  
MEETING HELD 6 JUNE 1995 NSY PORTSMOUTH ME  
6/7/1995  
PORTSMOUTH NAVAL SHIPYARD

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Cc:  
Bcc:  
From: Francis J. Endyke@C120@pns  
Subject: RAB Meeting of 6/6/95  
Date: Wednesday, June 7, 1995 10:17:20 EDT  
Attach:  
Certify: Y  
Forwarded by:

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A Restoration Advisory Board orientation and training session was conducted at 7 PM in the Kay Howells Room of the Rice Public Library in Kittery, Maine. The following agenda was followed:

- Introduction and Team Building Exercise
- History of the DoN IR Program
- History of the PNS IR Program
- Co-chair responsibilities
- Community Co-chair Nominations

**Attendees:**

PNS: Ken Plaisted, Fran Endyke, Debbie Holton

NORTHDIV: Lt Jim Conroy

EPA: Meghan Cassidy, Patty Whittemore

MEDEP: Nancy Beardsley

MEDMR: Don Card

TAG: Cathy Wolff

Community: Juanita Bell, Doug Bogen, Jeff Clifford, Phil McCarthy,

Jack McKenna, and Guy Petty

**Not in Attendance:**

Community: Michele Dionne, Eileen Foley, John Nelson and Onil Roy

**Meeting Summary:**

The meeting went as planned and we again maintained a highly professional atmosphere and dialogue in our partnering efforts with the community. Please find below significant questions or concerns raised during the meeting.

\* During the presentation of the History of the DoN IR Program a question arose as to whether radionuclides would be covered and from what time frame (i.e. pre 1980). Jeff Clifford stated that the Nuclear Program was not part of the IR Program. Ken Plaisted quickly responded to the situation by stating that radionuclides are part of the IR program under CERCLA and that a Historical Radiological Assessment would be issued for review and comment. This answer satisfied the group.

\* During the History of the PNS IR Program the community raised the concern that the Offshore and Onshore studies needed to be linked and was the methodology within their perview. We answered to say that we were working hard to link the two via the Ecological Risk Assessment and the Offshore Media Protection Standards. We explained that all documents associated with the IR Program were within their perview.

\* Three candidates for the Community Co-chair discussed why they should be elected to the position. They are Doug Bogen, Jeff Clifford and Jack Mckenna. They will again speak at the next meeting in order to solicit a vote on their behalf.

\* Questions on the TAG were raised concerning their status and their responsibilities. Meghan Cassidy stated that the TAG was developing a proposal to solicit bids from consultants via the federal bid process and that it usually takes about six months to award the contract. At a future meeting the EPA and the Seacoast Anti Polution League(SAPL) would make presentations to the RAB about the expectations of the TAG.

\* A concern has been raised about the meeting day being Tuesday vice another day of the week. An explanation was provided as to how the day was picked and that the day could be changed based on what the community members wanted for a meeting day as this is their meeting. This item would be discussed at the next meeting.

\* A concern was raised about the frequency of meetings. Kathy Wolff was concerned that we were meeting too frequently. Jeff Clifford wants to meet more often. Ken Plaisted stated that we expected to meet about every two months once we were up and running as a RAB.

The next RAB orientation and training session will be June 20, 1995 at the Rice Public Library. The Community Co-chair will be elected and development of the RAB charter will commence.

**PROPOSED RAB ORIENTATION AND TRAINING TOPICS**

Election of Community Co-Chair  
Development of Charter

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**PROPOSED RAB MEETING TOPICS**

Discussion of Technical Assistance Grant Expectations  
Feasibility Study Presentation

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Ground Water Monitoring Plan Presentation  
Discussion of Study Areas  
Discussion of Work Schedule

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**RESTORATION ADVISORY BOARD AGENDA  
for 6 June 1995**

Introduction

History of the Navy Installation Restoration Program

History of the Shipyard's Installation Restoration Program

Co-chair Responsibilities

Community Co-Chair Nominations

**RAB MEMBERS**

Navy/Shipyard

- ✓ Kenneth Plaisted
- ✓ LT James Conroy

Community

- ✓ Juanita Bell
- ✓ Doug Bogen
- ✓ Jeff Clifford
- Michele Dionne
- Eileen Foley
- ✓ Phil McCarthy
- ✓ Jack McKenna
- John Nelson
- ✓ Guy Petty
- Onil Roy
- ✓ Cathy Wolff

Regulators

- ✓ Meghan Cassidy- U.S.EPA
- ✓ Patty Marajh-Whittemore-U.S.EPA
- ✓ Nancy Beardsley-Maine DEP

Natural Resource Trustees

- Ken Finkelstein-NOAA
- Ken Munny-U.S.Fish and Wildlife
- ✓ Donald Card-Maine Department of Marine Resources

**DEPARTMENT OF THE NAVY**  
**INSTALLATION RESTORATION**  
**PROGRAM**

## **Installation Restoration Program**

- **Purpose:** The purpose of the IR Program is to identify, assess, characterize and clean up or control contamination from **past** hazardous waste disposal operations and hazardous material spills.
  - The Navy has been actively engaged in the IR Program since 1980, complying with its legal obligations and its obligations to protect human health and the environment.

## **Installation Restoration Program**

- **History:** The Navy IR Program began with the passage of CERCLA in 1980. Because CERCLA did not specifically apply to Federal Facilities the Navy's program was slightly different. The first step in the process was an Initial Assessment Study (IAS), followed by a Confirmation Study (CS) and then Corrective Measures Implementation (CMI). Beginning in 1986 and the passage of SARA, the Navy's IR Program adopted the CERCLA process and terminology (except at sites covered by RCRA Corrective Actions).

## Installation Restoration Program

- **LAWS :**

- **CERCLA - Comprehensive Environmental Response, Compensation and Liability Act (1980)** a.k.a. SUPERFUND, establishes a program for cleanup of hazardous waste disposal and spill sites nationwide.
- **SARA - Superfund Amendments and Reauthorization Act (1986)**, expanded the scope and requirements of CERCLA to include Federal Facilities under a program called DERP - *Defense Environmental Restoration Program* of which the IR Program is a component. Funds for this program are provided by Congress using a special account called DERA - *Defense Environmental Restoration Account*.

## Installation Restoration Program

- **LAWS (cont):**

- **RCRA - Resource Conservation and Recovery Act (1976)** regulates current and future hazardous waste management practices.
- **HSWA - Hazardous and Solid Waste Amendments (1984)**, expanded the scope of RCRA to include identification and cleanup of contaminated sites at permitted facilities. These sites are called *Solid Waste Management Units (SWMUs)*.
- **FFCA - Federal Facility Compliance Act (1992)**, waives federal facilities immunity from violations of federal, state or local solid and hazardous waste laws.

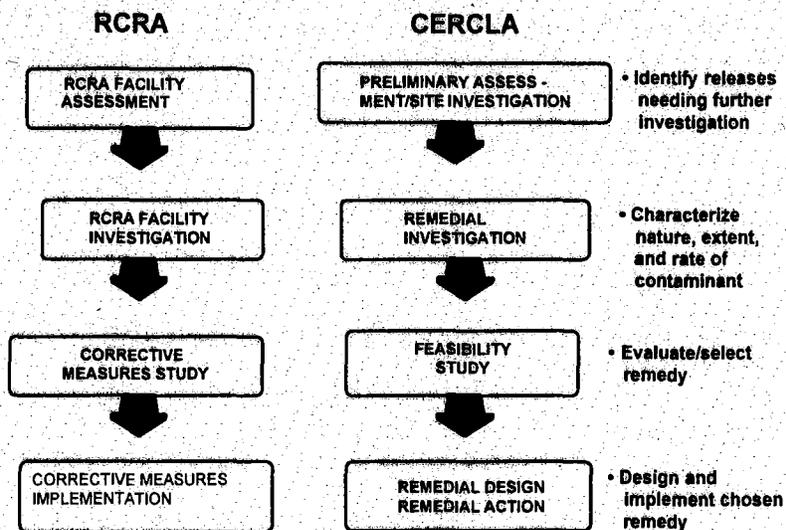
## **Installation Restoration Program**

- **RCRA/CERCLA Implementation**
  - Shared approach for establishing nature and extent of contamination.
  - Similar remedial alternative evaluation.
  - Analytical Procedures
    - CERCLA Contract Laboratory Program (CLP) & QA/QC
    - RCRA SW-846 methodologies and QA/QC
    - RCRA has less potential for litigation so less need for court defensible data.

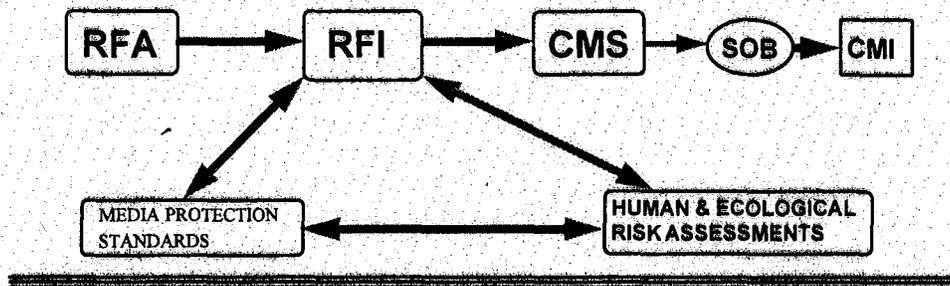
## **Installation Restoration Program**

- **Public Participation**
  - Public participation is ongoing during CERCLA
  - RCRA requires public participation at specific points (e.g., permitting and media protection standards)
    - Navy IRP has required public participation through Technical Review Committees (TRC) and now Restoration Advisory Boards (RAB)
- **Risk Assessment**
  - Both use risk assessment guidance set by EPA

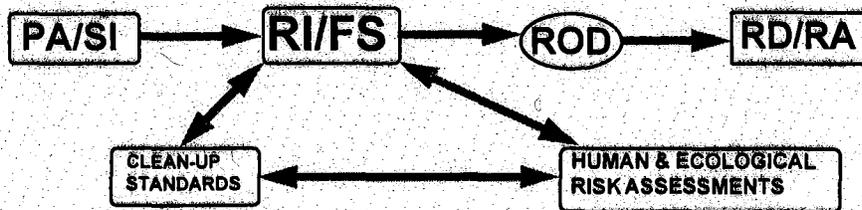
## COMPARISON OF RCRA CORRECTIVE ACTION AND CERCLA REMEDIAL PROCESSES



### RCRA CLEAN-UP GOALS



### CERCLA CLEAN-UP GOALS



**PORTSMOUTH NAVAL  
SHIPYARD**

**INSTALLATION  
RESTORATION  
PROGRAM**

### **Portsmouth Naval Shipyard Installation Restoration Program**

- **Initial Assessment Study - 1983**
  - Identified Jamaica Island Landfill (JILF), Industrial Waste Outfalls and the Mercury Burial Sites
  
- **Confirmation Study - 1986**
  - Focused on JILF and Defense Reutilization Marketing Office (DRMO) storage yard; formerly Defense Property Disposal Office

### **Portsmouth Naval Shipyard**

- **RCRA Facility Assessment (RFA) - 1986**
  - PNS Report identifying Solid Waste Management Units (Jul 85)
    - Hazardous and Solid Waste Amendments of 1984 (HSWA) added Corrective Action Authority to RCRA
  - EPA Conducted RCRA Facility Assessment (Final Report Jul 86)
    - Identified 28 Solid Waste Management Units (SWMUs)
  - RFA Addendum (Jan 88)
  - RFA and Addendum made recommendations re: potential impacts of SWMUs and investigation needs. 15 SWMUs recommended for no further action.

### **Portsmouth Naval Shipyard Installation Restoration Program**

- **HSWA Permit - 1989**

- Permit instituted RCRA Corrective Action Program at PNS
- Identified investigation needs and schedule for 13 SWMUs
  - Media to be investigated
  - Ecological and Human Health Risk Assessments
- Established requirements for Media Protection Standards (MPS) and Corrective Measures Study (CMS) Proposal and Report
- Corrective Measures Design and Implementation requirements established by permit modification after CMS Report

### **Portsmouth Naval Shipyard Installation Restoration Program**

- **RCRA Facility Investigation (RFI)**

- Conducted in 4 phases from 1989 to 1992
- Approved w/conditions Apr 1993
  - RFI Addendum
  - RFI Data Gap Investigation
    - Field work conducted during summer of 1994
- On-Shore Ecological Risk Assessment completed Aug 1992
- On-Shore and Off-Shore Human Health Risk Assessments finalized Spring 1994
- On-Shore Media Protection Standards set July 1994

## **Portsmouth Naval Shipyard Installation Restoration Program**

- **RFI Continued**

- Off-Shore Investigations, 1989 to present
  - Began by McLaren/Hart 89/90
  - NCCOSC, USEPA ERLN, UNH, URI, SAIC
    - Phase I, Sep 91 to May 93
      - Problem formulation
    - Phase II, Jun 92 to present
      - Focused on areas of concern
  - Ecological Risk Assessment, Draft due 31 May 95
  - Revised Draft Media Protection Standards due 15 Jun 95

## **Portsmouth Naval Shipyard Installation Restoration Program**

- **Interim Corrective Measures**

- Capping at DRMO completed Nov 1993
  - Prevent migration of contaminants via infiltration, runoff and wind
- Tank Removals

- **National Priorities List (NPL)**

- Proposed NPL Jun 93
- Placed on NPL May 94
- Surface water and groundwater migration pathways were the major considerations

## **Portsmouth Naval Shipyard Installation Restoration Program**

- **Corrective Measures Study (CMS)**
  - CMS Proposal (On-Shore)
    - Draft, Aug 93 (McLaren/Hart)
    - Revised Draft, Jun 94 (Halliburton NUS)
  - CMS Report (On-Shore)
    - Developed to meet both RCRA and CERCLA requirements
    - Changed to CERCLA Feasibility Study after Rough Draft
    - Draft submitted Mar 95

## **Portsmouth Naval Shipyard Installation Restoration Program**

- **Off-Shore Feasibility Study (FS)**
  - Scheduled to begin late 1995
- **Proposed Plan and Record of Decision**
  - 6 to 9 months after regulatory concurrence on Feasibility Study
- **Remedial Design/Remedial Action (RD/RA)**
  - RA Required to begin within 15 months of ROD