

TIN MARIETTA ENERGY SYSTEMS, INC.POST OFFICE BOX 2003
OAK RIDGE, TENNESSEE 37831

September 9, 1991

Mr. Paul Berkman, Code 114
CHESNAVFACENGCOM
Building 212-1
Washington Navy Yard
Washington, D. C. 20374

Dear Paul:

Meeting Minutes, Naval Ordnance Station, Indian Head, Maryland

Enclosed are two copies of the meeting minutes for the Technical Review Committee meeting held at Naval Ordnance Station, Indian Head, Maryland. I am also sending ten copies of the minutes to Shawn Jorgenson at the Naval Ordnance Station.

If you need additional information, please contact me at 615-435-3421.

Sincerely,



Frank R. Van Ryn, Project Manager
Hazardous Waste Remedial Actions Program

FRV:cab

Enclosure

cc/enc: S. Jorgenson, NOS (ten copies)
File RC-0975

cc: P. M. Pritz

**SUMMARY MEETING MINUTES
TECHNICAL REVIEW COMMITTEE MEETING**

Date of Meeting: July 17, 1991

Project: Installation Restoration Program
Remedial Investigation/Feasibility Study,
Naval Ordnance Station, Indian Head, Maryland

Meeting Participants:

Mr. Paul Berkman*	Mr. Kenneth Morin*
Mr. Jeff Bossart	Capt. E. P. Nicholson*
Ms. Louise Chaney*	Ms. Mindy Rye
Mr. Dave Creason	Dr. Gerald Schuster*
Ms. Jennifer Dean	Mr. Terry Smith
Mr. Vincent Hungerford*	Mr. Jim Story*
Mr. Shawn Jorgensen*	Mr. Frank Van Ryn
Mr. Milton Marder*	Ms. Susan Weber*
Ms. Sherry McCahill*	

* - TRC Members

Technical Review Committee Members Not in Attendance:

Mr. Larry Abell*

Major Issues Discussed/Accomplished:

1. Meeting Introduction

Capt. E. P. Nicholson conducted the meeting introduction. He began by introducing himself and asking the Technical Review Committee (TRC) members to introduce themselves. Capt. Nicholson briefly summarized activities at the Base and the purpose of the TRC. He expressed the Navy's interest in obtaining public input into the Installation Restoration Program (IRP) being conducted at the Base.

Ms. Jennifer Dean briefly discussed the purpose of the TRC and identified the types of individuals involved with the TRC. She then introduced Mr. Ken Morin to discuss the IR Program.

2. Installation Restoration Program

Mr. Morin presented a summary of IR Program activities conducted at the Base since 1982. He identified the former names of the Navy's environmental cleanup programs and explained how

it evolved to the IRP. He indicated that site inspections are currently underway for 17 sites and that an interim removal action is in progress for an additional site; bringing the total of sites being investigated at the Base to 18. A flowchart on IRP was presented that illustrated the steps for identifying, investigating, and remediating old spill and/or disposal sites. A listing of the 18 sites at the Base was then presented to the TRC members.

Mr. Morin expressed the Navy's desire to obtain input from the TRC members on the technical approaches that will be presented during the next few years on cleanup efforts being conducted at the Base. He gave a brief introduction on the activities that have been conducted to date for Site 8 (Nitroglycerin Plant Office). He also identified the reports that have been prepared for Site 8 and that the information contained in the reports would be combined to minimize the amount of material the TRC members would need to read. He also mentioned that all the reports in their entirety would be made available to any TRC member who requested to review all the reports.

3. Site 8, Nitroglycerin Plant Office Activities

Frank Van Ryn gave a presentation on the operations conducted at Site 8 that resulted in the release of mercury to the environment. The types and results of previous sampling programs were also briefly discussed. An outline of current approach for Site 8 was presented for remediating the site.

The initial step is to perform a biological monitoring study to determine the baseline (existing) conditions of the aquatic environment in the drainage and tidal pond area. An interim removal action will be conducted in early 1992 to remove the most contaminated sediments found in the upper portions of the drainage (identified as the area from Station 24+00 to Station 16+00). Biological monitoring would continue during and after the interim removal action to determine the short-term effects of the cleanup, and the response of the aquatic environment to the removal of the mercury-contaminated sediment. Information obtained during the interim removal action and from the biological monitoring study would be used to determine what type of follow-up actions may be necessary for Site 8.

Mr. Terry Smith gave a brief overview of the actions associated with the interim removal action. He discussed removal of the storm sewer line from Building 766 to Manhole A, removal and replacement of Manhole A, addressing the 36 in. pipe under the railroad tracks, and removal of mercury-contaminated sediment from Station 24+00 to Station 16+00.

Mr. Van Ryn provided a brief discussion on the biological monitoring plan. He identified the various types of sampling activities that would be conducted to assess aquatic fauna and flora.

Mr. Morin expressed his appreciation to the TRC members for their participation in the IRP at NOS. TRC members were then given a tour of the IRP sites at the Base. After the tour, Capt. Nicholson stressed the importance of the Navy receiving input from the TRC members. He stated meetings would initially be held quarterly with meetings scheduled for the third Wednesday of October, January, May, and August.

**SUMMARY MEETING MINUTES
TECHNICAL REVIEW COMMITTEE MEETING**

Date of Meeting: October 15, 1991

Project: Installation Restoration (IR) Program
Naval Ordnance Station, Indian Head, Maryland

Meeting Participants:

Mr. Larry Abell	Ms. Sherry McCahill
Mr. Paul Berkman	Mr. Kenneth Morin
Mr. Ed Carlson	Capt. E. P. Nicholson
Ms. Jennifer Dean	Mr. Mark Schoppet
Mr. Vincent Hungerford	Dr. Gerald Schuster
Mr. Shawn Jorgensen	Mr. David Sutherland
Ms. Carlisa Linton	Ms. Susan Weber
Mr. Milton Marder	

Technical Review Committee Members Not in Attendance:

Ms. Louise Chaney (in hospital) Mr. Jim Story

Major Issues Discussed/Accomplished:

1. Meeting Introduction

Capt. E. P. Nicholson conducted the meeting introduction. He emphasized the need for the exchange of ideas to find the best possible solutions to NAVORDSTA's Installation Restoration program cleanup. In addition, he thanked the TRC members for their participation in the Technical Review Committee (TRC).

2. Information Forwarded to TRC Members

Ken Morin asked the TRC members if they understood the nature of the material sent to them, including the Initial Assessment Study (IAS), the Technical Memoranda, etc. He expressed that this material is background information that will assist them in getting up to speed on NAVORDSTA's IR program.

3. Overall IR Program

Ken Morin said that he would like to remove two sites from the IR program, reducing the number of sites to sixteen. The two sites are the dry wells from buildings 101 and 102. Ken explained that the Bureau of Yards and Docks drawings show that these dry wells received only steam condensate.

Shawn Jorgensen discussed the status of the current Site Inspections (SI) for the 16 IR sites. Shawn explained that the SI for the Olson Road Landfill is being performed first because of its impact with the Military Construction project P-059. Soil borings samples, including grab water samples, are being taken

for the SI. In addition, three monitoring wells will be installed.

4. Hazard Ranking Scoring (HRS)

Ken Morin mentioned that the Naval Surface Weapons Center (NSWC) at Dahlgren has become a site on the National Priorities List (NPL). This means that cleanup at the site must be done under the oversight of the Environmental Protection Agency (EPA). The NPL contains sites that require cleanup because they may adversely affect human health or the environment. Ken expressed that NAVORDSTA has contracted U.S. Geological Survey to assist us in completing NAVORDSTA's HRS. The HRS is used by the EPA to determine if a site requires inclusion on the NPL. Ken feels that NAVORDSTA will become an NPL site in the future. Although public opinion of NAVORDSTA will be adversely affected if NAVORDSTA becomes an NPL site, Ken stated that funding for the cleanup of an NPL site is easier to obtain.

5. Biomonitoring

Ken Morin expressed the need for continued biomonitoring at IR Site 8, Mercury Contamination at Building 766. Ken requested the CHESDIV representative, Paul Berkman, to arrange funding for this effort. In addition, Ken stated that the U.S. Fish and Wildlife Service has been sampling the Mattawoman Creek for the past five years and are continuing to sample this fall. They have increased their sampling to include the Nanjemoy Creek.

6. IR Site 8 Engineering Evaluation and Cost Analysis (EE/CA)

Shawn Jorgensen presented an overview of the IR Site 8 EE/CA. The EE/CA presented excavation of the mercury contaminated sediment as the preferred method of cleanup. However, Ken Morin recognized that Land Ban issues after August, 1991, were not addressed, making the EE/CA an incomplete document and unsuitable for distribution to TRC members.

Paul Berkman of CHESDIV disagreed, stating that excavation was the method accepted by NAVORDSTA and the Maryland Department of the Environment (MDE) without the appropriate review and input from the TRC members, and would therefore not be a waste of time to have the TRC members evaluate the EE/CA.

Milton Marder of the MDE stated that the TRC board should only review documents which have been finalized by the Navy and the MDE. This brought up the question by the TRC members of what their part is in the decision making process.

Paul Berkman of CHESDIV made a commitment to have the Navy supply the TRC members with explicative narratives along with the documents sent to them for review. These narratives will give

summaries of the documents, explain what the important issues are, and show what should be reviewed.

The TRC decided to have the contractor, ABB Environmental, incorporate into the EE/CA the pretreatment alternatives to satisfy Land Ban issues and to go into more detail on the reasons for eliminating alternatives in the first draft.

The following schedule was drawn up:

- 10/15/91 - Navy informs contractor of the above comments
- 11/15/91 - Contractor submits revised EE/CA to the Navy
- 11/15/91 - Navy sends copy of EE/CA to the MDE
- 12/31/91 - MDE returns comments to the Navy
- 01/10/91 - Navy distributes revised EE/CA to TRC members
- 02/18/91 - Navy holds third TRC meeting to comment on EE/CA

7. Conclusion

Ken Morin concluded the meeting by thanking the TRC members for attending. In addition, Ken reminded the TRC members of the upcoming meeting on February 18, 1991, at 1:30 P.M. in the Building 20 MIC Room to discuss the revised EE/CA for Site 8.