

MEETING MINUTES
15 DECEMBER 1988
TECHNICAL REVIEW COMMITTEE MEETING

Installation Restoration Program Studies
U.S. Naval Air Station
Willow Grove, PA

Convened: 10:00 a.m., Building #1, Conference Room
NAS Willow Grove, PA

Distribution/Attendees: See Attachment "A".

1. LCDR. Mike Zook opened the meeting by welcoming all attendees and then explaining the purposes of the Navy's Installation Restoration (IR) Program and the Technical Review Committee (TRC).

2. Mr. Kenneth Petrone - the IR Project Manager for NAS Willow Grove, PA - explained the IR Program background and procedures. (Mr. Petrone represents Northern Division, Naval Facilities Engineering Command, located in Philadelphia, PA, which serves as a technical support command for NAS.)

-- The Navy's Installation Restoration Program is an on-going effort established to investigate past hazardous materials handling and disposal practices at all Navy installations. The goal of this program is to control and remediate any environmental problems that may or have resulted from these past practices. Environmental investigations have been initiated at the Station by both the Navy and the Air Force and are progressing well. All efforts to date have been closely coordinated with the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Resources (PADER).

Mr. Petrone/Northern Division, Naval Facilities Engineering Command is tasked with the management and administration of the current IR Program studies for 14 sites at NAS. Ms. Sheryl Faust-Beck/Headquarters Air Force Reserve, Robins Air Force Base, Georgia is the Air Reserve Facility Project Manager for separate studies at 3 ARF sites where contamination has been verified. In accordance with the requirements of the Superfund Amendments and Reauthorization Act (SARA) of 1986, the Navy is establishing this Technical Review Committee (TRC). The TRC will actively participate in the continued progress of investigations at NAS by providing technical review and comment during the remaining Site Inspection phase of investigations and the future execution of the Remedial Investigation/Feasibility Studies (RI/FS) phase; the TRC will assist in the selection of remedial technologies based on the results of all investigations. The overall objective of the committee is to keep all interested parties informed and involved in the Navy's IR program.

The TRC shall include at least one representative of the Navy, PADER and local authorities and community representatives. The and PADER are encouraged to provide the TRC with representatives



do not have the authority to make decisions concerning implementation of specific proposals. Local authorities and community representatives are encouraged to provide representatives with some technical background.

Preliminary Assessments (PA's) have been performed at 16 sites-- 7 sites for the Air Reserve Facility (ARF) in 1984 and 9 sites for the NAS in 1986. Since then an additional site, the Navy Fuel Farm, has been added to the program. The ARF and NAS are coordinating their efforts on these studies. The Air Force has recently completed RI's at 3 ARF sites. The Navy has contracted with **EA Engineering, Science and Technology, Inc., (EA)** to perform Site Inspection (SI) phase studies at the remaining sites, with continuing RI/FS efforts as necessary.

PA studies included record searches, interviews, air photo interpretation and site reconnaissance to identify potential sites. No field investigations are performed during the PA. The second phase, the SI, involves preparation of a comprehensive work plan (or Plan of Action) to verify the presence of contamination at the suspected or potential sites. The SI is not intended to evaluate the magnitude or extent of contamination.

EA has prepared the SI Plan of Action which includes the site-specific sampling plan, the fieldwork and laboratory quality assurance/quality control plan, and the health and safety plan. EPA and PADER have reviewed and approved these plans.

Preliminary field work specified in the SI Plan of Action was initiated in October 1988. These data are now under review and will be presented to the TRC at the next meeting. Fieldwork under the SI will continue over the next 6 months with installation of monitoring wells and borings and sampling of soils, surface water and groundwater. The final SI report will include all data and results. The plan is to have a draft SI report for the TRC review in October 1989. This amount of time is needed since the plan includes 3 rounds of groundwater sampling to insure validity of results.

The TRC will meet on a regular basis. The schedule will depend on work progress. Test boring and well installation are scheduled to begin in February 1989 (weather permitting). When data or documents are presented to the TRC, members are asked to return comments in 30 days. Timely submission of review comments by all TRC members is mandatory for continued progress in cleaning up any confirmed contamination.

The SI will determine which sites need an RI/FS. The RI/FS involves more detailed studies to characterize the magnitude and extent of contamination, perform health risk and environmental assessments, evaluate the need for interim clean-ups and develop and evaluate remedial alternatives. The TRC participates in the selection of remedial alternatives. Subsequent study phases include development of a Proposed plan, issuance of a formal Record of Decision on the plan, and design and implementation of the selected clean-up alternative.

(It should be noted that the phased investigations and procedures described above are in accordance and compliance with EPA guidance and implementing regulations issued under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 and Superfund Amendments and Reauthorization Act (SARA) of 1986.)



3. Mr. Michael Magee, Horsham Township Manager, inquired as to why some of the Air Force sites were separated from the Navy program after the PA and what was the status of those sites.

Response: Ms. Sheryl Faust-Beck (ARF Project Manager) explained that contamination was quickly verified at ARF sites 1,2 and 3 and the sites were found to have a higher potential for contamination which required an accelerated schedule. The RI was closely coordinated with the EPA and PADER. The FS report is now being reviewed. EPA has commented on the report, while PADER is still reviewing the report.

4. Mr. Magee asked whether the TRC could participate in that RI/FS.

Response: Ms. Faust-Beck indicated that the RI found no immediate health risk. Drinking water was not affected. The ARF plans to hold a public information meeting subsequent to regulatory review of the FS report.

5. Mr. Magee asked if the information presented to the TRC was public information.

Response: LCDR. Zook responded yes. He indicated that TRC meetings are intended to be more technical and not press conferences. All documents presented to the TRC become part of the official Administrative Record (used to support Records of Decision) required by CERCLA/SARA and thus are made available for public review. The Navy intends to issue periodic press releases at the completion of various phases of investigation.

Ms. Faust-Beck indicated that all reports concerning ARF sites 1,2 and 3 are also available for public review by contacting the ARF Public Affairs office (Ms. P. Liebman).

6. Mr. Chuck Houlik (EA Project Manager) provided a description of each site, past uses, and discussion of the proposed fieldwork under the SI for each site.

7. Fieldwork for the geophysical and soil vapor surveys was completed in early December 1988. Reports on this information are in preparation. EA and the Navy will discuss results and any changes to the sampling plan that are proposed based on these results, at the next TRC.

8. Ms. Kristine Gombita (PADER) asked why Site #6, Abandoned Rifle Range #1 was not being investigated while Site #7, Abandoned Rifle Range #2 was being studied.

Response: Mr. Houlik explained that there were reported waste disposal activities at Site #7 in addition to its use as a range. Lead in soils is generally a concern if it may impact surface water or



groundwater. During preparation of the SI Work Plan, the Navy, EPA and PADER agreed that the groundwater would be sampled at Site #6 if lead contamination was verified in the groundwater sampling to be conducted at Site #7. Also, it is reported that much of the waste lead at both sites was removed by contract when the ranges were closed.

9. It was noted that ARF proposes future uses of portions of Sites #3 and #7 and in the vicinity of the Fuel Farm, and thus are interested in accelerated efforts at these sites.

10. The meeting was concluded, and the next TRC meeting is scheduled for 2 MARCH 1989, at 10:00 a.m. in Building #1, on-Station. All core TRC members are encouraged to attend.

(NOTE: U.S. EPA representative Drew Lausch was invited to this meeting but was unable to attend.)

11. The following individuals are considered core members of the TRC:

Captain James R. Shapard,
Commanding Officer, NAS Willow Grove

LCDR. Mike Zook, Public Works Officer, NAS Willow Grove

Goline D. Vanderhoff, ARF Base Civil Engr.

Kenneth Petrone, Navy IR Project Manager

Sheryl Faust-Beck, Air Force IR Project Manager

Drew Lausch, U.S. EPA

Kristine Gombita, PADER

Michael Magee, Horsham Twp. Manager

Ralph McQuaid, Horsham Twp. Water Authority

Chuck Houlik, EA Project Manager

Jeffery Ciocco, Navy Project Geologist

Joseph Mungin, NAS Environmental Coordinator



TECHNICAL REVIEW COMMITTEE MEMBERS

INSTALLATION RESTORATION PROGRAM STUDIES
U.S. NAVAL AIR STATION
WILLOW GROVE, PENNSYLVANIA

Kenneth Petrone (Navy Project Manager) (215)897-6432
Northern Division, NAVFACENCOM (Code 1421)
Bldg. 77-L, U.S. Naval Base
Philadelphia, PA 19112

Jeffery Ciocco (Navy Project Geologist) (215)897-6432
Northern Division, NAVFACENCOM (Code 1422)
Bldg. 77-L, U.S. Naval Base
Philadelphia, PA 19112

LCDR. Michael Zook (215)443-6221
Public Works Officer
U.S. Naval Air Station
Willow Grove, PA 19090

Kristine Gombita (215)270-1948
Pennsylvania Department of Environmental Resources
1875 New Hope St.
Norristown, PA 19401

Drew Lausch (215)597-3634
U.S. EPA, Region III (3ES40)
841 Chestnut Building
Philadelphia, PA 19107

Michael McGee (215)672-2393
Horsham Township Manager
1025 Horsham Rd.
Horsham, PA 19044

Ralph McQuaid (215)672-5606
Manager, Horsham Township Water Authority
617 Horsham Rd.
Horsham, PA 19044

Goline D. Vanderhoff (215)443-1105
Base Civil Engineer
Air Reserve Facility
Willow Grove, PA 19090



Chuck Houlik (301)771-4950
Project Manager
EA Engineering, Science & Technology
15 Loveton Circle
Sparks, MD 21152

Sheryl Faust-Beck (Air Force Project Manager) (912)926-5598
HQ Air Force Reserve/DEPV
Robins Air Force Base
Georgia 31098

Pat Liebman (215)443-1062
913 TAG - Public Affairs
Air Reserve Facility
Willow Grove, PA 19090

William Albright (215)443-1215
913 TAG/DEE
Air Reserve Facility
Willow Grove, PA 19090

Joseph Mungin (215)443-6252
Public Works - Environmental Coordinator
U.S. Naval Air Station
Willow Grove, PA 19090

Paul Greco (215)443-6255
Public Works - Hazardous Waste Coordinator
U.S. Naval Air Station
Willow Grove, PA 19090

Lt.Col. Roberto Martinez-Perez (912)926-1149
HQ Air Force Reserve/SGB
Robins Air Force Base
Georgia 31098-6001

Jonathan Bach (215)443-1147
913 TAG Clinic/SGPB
Air Reserve Facility
Willow Grove, PA 19090-5130

