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NAS WHITING FIELD
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MINUTES FROM 10 APRIL 1990 TECHNICAL REVIEW COMMITTEE NAS WHITING FIELD
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4/10/1990
NAS WHITING FIELD

MEETING NO. 2 CONFERENCE REPORT
TECHNICAL REVIEW COMMITTEE (TRC)
NAS WHITING FIELD
MILTON, FLORIDA

DATE OF MEETING: 10 April 1990 (0900-1030)

PLACE OF MEETING: Upstairs Conference Room
Headquarters Building
NAS Whiting Field
Milton, Florida

ATTENDEES: TRC Members

Capt. Kenneth G. Johnson (Chair)
Ms. Cindy W. Black
Mr. Ted Campbell
Ms. Nancy Dean
Mr. Alton C. Harris
Mr. Eric S. Nuzie

NAS Whiting Field

LCDR James P. MacFarquhar
LCDR Bill Robitaille
Lt. David Pearce
Ens. LaCavera
Mr. Ludwig H. Opager
Mr. Jerrel Anderson
Mr. Danny Locklear

E.C. Jordan Co.

Mr. R. Anthony Allen
Mr. R. Michael Nugent

Florida DER

Mr. James J. Crane

Capt. Johnson welcomed the TRC members and guests to the second TRC meeting and requested that those individuals present introduce themselves. Capt. Johnson then introduced Mr. Allen who presented an overview of the Phase I Remedial Investigation (RI) proposed for NAS Whiting Field. Mr. Allen's presentation included an explanation of the most current conceptual model for NAS Whiting Field and a listing of potential scenarios and response actions for each of the 18 sites identified at NAS Whiting Field. It also included the objective and rationale for each of the Phase I RI field tasks and the anticipated schedule for undertaking both the Phase I and Phase II RI. A packet of the presentation material was issued to each member of the TRC.

At the conclusion of the presentation, Mr. Allen turned the meeting over to Mr. Campbell who lead a discussion of the Response to Comments memorandum issued by the Navy to comments submitted by the TRC on the Final Draft RI/FS Work Plan.

Mr. Campbell asked the committee members if there were any questions or comments on the Navy's Response to Comments memorandum. Ms. Dean stated that the Navy appeared to concur with many of the comments made by the U.S. Environmental Protection Agency; however, there were still questions regarding certain quality assurance issues to which the Navy took exception. Specifically, these included the placement of bentonite seals and the use of PVC well casing instead of stainless steel. Ms. Dean requested the Navy to provide more detail on why the Navy prefers not to tremie bentonite pellets and not to use pellets for the deep monitoring wells. In addition, the Navy was requested by Ms. Dean to provide justification if materials other than stainless steel were to be used for monitoring well construction during the Phase II remedial investigation. Ms. Dean did point out that this is apparently not an issue in the Phase I RI because the Draft Final Work Plan does specify stainless steel for monitoring wells to be installed for long term monitoring.

At this point, Ms. Dean proposed that it would be perhaps less cumbersome if the committee discussed each comment still at issue in the order in which they appear in the Response to Comments memorandum. A synopsis of the discussion on these comments is as follows.

- **Comment 4: MCLs for Lead and Lindane.** New standards are expected to be promulgated and are expected to be adopted for the RI/FS at NAS Whiting Field. The Navy concurs with this statement.
- **Comment 6: Target Compound List (TCL) Analysis.** TCL analysis shall be performed during the confirmatory sampling of the Phase I RI and as part of the Phase II RI.
- **Comment 8: Monitoring Upper and Lower Portion of Lower Zone Aquifer.** In addition to upper aquifer zone in-situ samples, in-situ samples will be obtained from the lower portion of the lower zone of the sand and gravel aquifer. This is the portion through which production wells are screened.
- **Comment 11: Placement of Bentonite Pellets.** Further technical clarification must be presented as to placement of bentonite pellets.
- **Comment 12: Bentonite Pellet Seal in Deep Wells.** Further technical clarification must be presented as to why bentonite pellets are not proposed for the deep wells.
- **Comment 13: Upper Zone Clay Layer.** The emphasis placed on the upper zone clay layer in the Work Plan was never intended to imply that this layer impedes the migration of contaminants to the lower zone of the sand and gravel aquifer. Instead, it is hypothesized that contaminants may be pooled just above this layer and, as such, a major zone of contamination that has not been investigated in the past may exist in the upper zone of the sand and gravel aquifer.

- Comment 14: VOC Analysis Only During In-Situ Sampling. Upon discussion with the Florida Department of Environmental Regulation, target analyte list metals shall also be analyzed during the in-situ program. During either Phase I confirmation well installation or Phase II activities, confirmation of the presence or absence of groundwater contamination shall be based on the results of analysis for the complete TCL.
- Comment 15: Pump Test. The selection of a 14-day pump test is based on both the historical operational schedule for the production wells (i.e., 10 days of intermittent operation and 4 to 5 days recovery) and the time needed to obtain the in-situ samples. This shall be further clarified in the Work Plan.
- Comment 18: Tank Sludge Sites. There was agreement to run these sites under Chapter 17-700, Florida Administrative Code (FAC), in that the sludge is a secondary issue with these sites.
- Comment 24: Protective Measures Around Wells. The text in the Work Plan shall reflect that protective measures will be installed to protect the integrity of long-term monitoring wells.
- Comment 25: Source Area Investigation. Source areas investigation are scheduled as part of the Phase II RI. As such, details will be presented in the Phase II RI Work Plan Addendum.
- Comment 28: Schedule. The USEPA's position is that a complete RI/FS should be completed within 24 months and that the 28-month schedule for NAS Whiting Field does not meet USEPA Guidance. Ms. Dean will discuss this further internally within USEPA.

Ms. Dean concluded her discussion on USEPA comments by stating that, at this time, all USEPA can do is offer recommendations in that NAS Whiting Field is not on the National Priorities List (NPL). However, once NAS Whiting Field makes the NPL, USEPA may invalidate data if in the opinion of the USEPA the data has been compromised by not the following USEPA protocol.

Capt. Johnson stated that he did not want this situation to arise and asked about measures to prevent it. A discussion of Federal Facility Agreements (FFA) ensued.

Capt. Johnson stated that he wanted an FFA for NAS Whiting Field at the earliest possible opportunity and requested that Ms. Dean discuss it with USEPA headquarters. Mr. Crane asked Ms. Dean if it was possible to have an FFA prior to a site being listed on the NPL. Ms. Dean said that in the past USEPA has denied requests for FFA's from non-NPL facilities but the reason was USEPA resource constraints. However, now FFA's have been put in place at most NPL facilities and, therefore, it may be possible to get an FFA for NAS Whiting Field as it is sure to be listed on the NPL. She agreed to discuss it with personnel at Region IV headquarters.

Mr. Harris stated that the community and county commission want an FFA put in place as soon as possible to avoid the duplicate spending of taxpayer monies to investigate and cleanup at NAS Whiting Field. Ms. Dean reiterated that she would check on the possibility of developing an FFA for NAS Whiting Field and added that she was personally in favor of the same action.

Mr. Campbell asked Mr. Nuzie if the FDER had any further comments. Mr. Nuzie and Mr. Crane responded by stating that an earlier meeting with personnel from Southern Division and E.C. Jordan Co. clarified their concerns and that there were no further comments.

Mr. Campbell presented a summary of the pertinent points that were the outcome of this meeting. These points are as follows.

- A conceptual model and potential courses of action have been developed for each of the 18 sites located at NAS Whiting Field.
- A completely reviewed set of planning documents is in place and it is now possible to finalize the Phase I Remedial Investigation planning documents for NAS Whiting Field and execute the Phase I RI.
- The next TRC meeting will take place approximately 6 to 8 months after Phase I RI field work is initiated. At that meeting, the results of the Phase I RI will be discussed and recommended Phase II actions presented. The field program for the Phase I RI is anticipated to begin in August 1990.
- Minutes of the meeting will be distributed to committee members within 2 weeks.

Capt. Johnson thanked the members of the TRC for their participation and the meeting was adjourned at 1030 hours.