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DAILY ACTIVITY LOG

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Science Applications International Corporation
122 Longview Drive
Los Alamos, New Mexico 87544
(505)-672-3666, Fax (505)-672-3161

2953
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ERICID: 59420

DATE: 06 February, 1996 Field Unit: 4
Technical Area: 35 Operable Unit: 1129
Site Work Plan: Aggregate NA PRS No.: 35-003(a, b, c, n)

Signature: Richard J. Koch
Name: Richard J. Koch Title: Geologist

SUBJECT: TA-35 D&D Progress Report

Personnel: Richard Koch, Leslie Sontag, Darril Stafford
Time: 2:00 pm to 4:00 pm

Work Description:

The TA-35 D&D site was visited in the company of the above noted FU-4 field personnel. Mr. Patrick Binkley, Radian, of the D&D project provided a brief site tour of the D&D progress at the phase separator pit, structure no. TA-35-3 (PRS No. 35-003(n)), and the associated holding tanks, structure nos. 35-4, -5, -6 (PRS Nos. 35-003(a, b, c). The weekly meeting of the TA-35 D&D Project was attended. The following notes are from the site visit and the meeting.

The phase separator pit (PSP) is currently still intact. The D&D team has performed an inspection of the inside of the pit, and has sampled sludge that was found beneath the access manhole at the south end of the pit. Mr. Binkley related that the sludge sample was sent for TCLP organics, TCLP metals, and for gross alpha, -beta, and -gamma, and gamma spectroscopy at TA-21. Preliminary results indicate that ²⁴¹Americium was found in the sludge sample, but he said he had not seen the report. Several 12" diameter plastic air lines have been affixed to the top of the PSP, and the entire pit and associated lines have negative air pressure, with the air lines leading to HEPA filters located at the top of the tank. Mr. Scott Bensen, IDM manager of the site, related that a site inspection of the pit had been video taped, and that they had not noticed any cracks or obvious leaks in the pit floor. The PSP has received meteoric water from the manhole covers, and has retained water inside the pit. Mr. Paul Terp, RCT at the site, related that since work has begun at the site, the pit has filled with water from precipitation events, but the water level has never declined, indicating that the pit structure is still sound. The D&D Project has had to pump the water from the pit on occasion to gain access. The volume of water pumped from the pit was not ascertained.

Mr. Stafford obtained 2 photographs of the top of the PSP (exposure nos. 3&4). The camera was located about 15 ft south of the pit, and the photos were taken looking north. The negative air filtration system and capped air lines to the PSP are visible.

The east side of the PSP has been excavated to expose the top of holding tank TA-35-6, PRS No. 35-003(c). The soil between the PSP and building TA-35-7 has been removed from the south side of the site to gain access to the holding tanks. The current excavation has exposed the top of the south tank, and the pipelines that connected the tank with the PSP have been cut and removed. Mr. Binkley and Mr. Terp related that the pipelines contained contamination up to 5 mR/hr gamma and 50 mR/hr beta/gamma, also reading 30 million dpm. The soil beneath the pipelines was scanned, but the area of the pipelines was too hot to obtain a soil reading, so a bucket of soil was removed from the site and scanned for radiation, and was found to be within background readings. They



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SIGNATURE: _____

Name: Richard Koch Title: Geologist

Work Description, Continued:

related that no leaks or spills from the pipelines between the PSP and tank TA-35-6 were noted. They further related that all pipelines associated with the PSP and the misc lines (PRS No. 35-003(misc)) are heavy stainless steel piping that so far has been intact. No leaks from the system have been noted, and no soil contamination has been found in the trenches on the north and south sides of building TA-35-2, or in the PSP excavation to date.

The excavation at the east side of the PSP has exposed most of the east wall of the PSP. The wall appears to be reinforced concrete, at least 1 ft thick. The wall was briefly inspected for signs of damage, cracks, and leaks, but none were noted, although the entire wall is not visible. The north 2 holding tanks are still buried, and the north 1/3 of the area between the PSP and building 35-7 has not yet been excavated. One buried 30" air duct that connected the PSP to building TA-35-7 was found about 15' south of tank 35-6. This air duct has been removed. Mr. Binkley related that a pipeline that was not shown on the engineering drawings of the site was found during excavation. This pipeline has also been removed.

The top of tank 35-6 could not be viewed because a 4 x 6 ft plastic canopy structure about 8 ft high has been placed over the tank and connected to the negative air system. This was erected in preparation for sampling of liquids in tank 35-6 that was scheduled for this afternoon. The preliminary results of gamma spectroscopy of the liquid should be available tomorrow, Wednesday, February 7, 1996.

Mr. Stafford obtained 2 photos of the east side wall of the PSP and the excavation area of tank 35-6. Exposures #5 & 6 were obtained looking northward from near the southeast corner of the PSP.

The meeting of the TA-35 D&D Project was attended. Mr. Bensen related that to date 100,000 pounds of non-hazardous waste, mostly concrete, has been sent to the LA County Landfill. Coordination with the D&D contractor for the ER RFI/VCA was discussed. If the existing contractor (IDM) is to be used to perform the VCA, some contractual arrangements will be necessary, and arrangements in place prior to removal of the PSP. The D&D work schedule plans for the start of removal of the PSP March 4, 1996, and for all work to be completed April 8, 1996. Mr. Binkley did not see a problem with using the existing Storm Water Pollution Prevention Plan, Spill Prevention, Control, and Countermeasures Implementation Plan, and the Waste Management Plan for any VCA that might be required. Mr. Al Rey stated that he could not order the contractor to stop work while VCA sampling was performed, but that work at a different site might be possible during the VCA work. The VCA SAP will need to be developed to provide minimal impact the D&D work.