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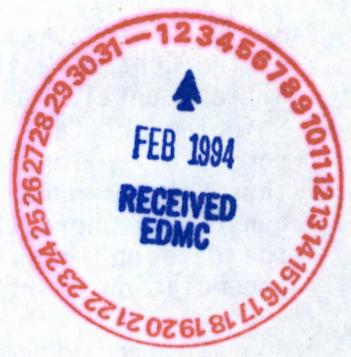
**INTERNAL MEMO**

July 31, 1989

**TO:** Roger Stanley  
Toby Michelena

**FROM:** Joe Witczak *JW*

**SUBJECT:** Hanford Site Inspection - July 20, 1989



On July 20, 1989, I conducted a dangerous waste inspection on the Hanford Reservation. This inspection included the Nonradioactive Dangerous Waste Landfill (NRDWL), B Pond, Ditch A-29, the Central Waste Complex (CWC) and the 183-H Basins.

I was escorted by Fred Ruck and Keith Jaquillard (both of WHC). Our first stop was the NRDWL. I verified USDOE compliance with our May 11, 1989 NOV requiring the repair of a breached fence at this facility. The fence has been adequately repaired. I noted survey stakes along the south fence of this facility. I have been informed that the stakes are being used in an effort to produce new topographic maps of the Reservation. Facilities not located in a major functional area (e.g. 200E and 200W) will be mapped by hand instead of aerial photography. I requested Fred to provide me with copies of the aerial photos now being taken of the 200 areas. He agreed.

We drove to B Pond to inspect the facility perimeter fence also required in our May 11, 1989 NOV. A single strand chain fence with yellow radiation warning signs appears to be continuous and intact around the pond and lobes as well as the part of Ditch 216-B-3-3 associated with the pond. The signs indicate radioactive surface contamination but do not identify the site as a dangerous waste facility. Additional signs should be added.

The drilling rigs noted at B Pond in my May 1989 inspection have been removed. The new wells around this facility appear to be nearly complete.

The 216-A-29 Ditch is a dangerous waste facility which merges into B Pond's B-3-3 ditch. This facility should also be fenced. The wooden pier over this ditch has been adequately marked to prohibit use until a structural assessment is made as per our May 11, 1989 NOV.

I noted four radiation warning signs on the ground in the B Pond/A-29 area: (1) on the west side of B Pond, (1) near the intersection of Ditch A-29 and the Grout facility, and (2) near the intersection of the A-29 Ditch and the B-3-3 Ditch. A used pair of SWP's and booties were also discarded near the A-29/B-3-3 intersection. The two signs noted near the ditch intersection may have been moved by personnel installing a nearby

well. Maintenance of these radiation markers should be increased to avoid unmarked or improperly marked areas.

After leaving this area we met Brad Erlandson and Jim Maier (both of WHC) at the Central Waste Complex. The storage building nearest the facility's office contains a number of containers with contaminated lead from the Shippingport facility. The labels on these containers are not filled out completely. The "Accumulation Start Date" is left blank. I was informed that this is because the wastes were not considered mixed at the point of generation where the labels were affixed. I have instructed Fred to put the date on which the waste was containerized on these labels as the accumulation start date. He agreed.

A number of drums located in the second storage building were unpalletized. I was informed that these drums were received within the last 24 hours and would be more appropriately stored in the near future. The dangerous waste labels on these drums were marked with a July 15, 1988 accumulation start date. They were also marked as originating at the PFP. The PFP does not have a permitted storage facility and it is therefore assumed that these drums exceeded the 90 day storage limit at the PFP. The storage of these drums prior to receipt at the CWC should be verified.

I have discussed the fact that a numbering or naming system has not been established for the storage buildings at the CWC. In order to accurately address the contents of each building, WHC will institute such a system. This will alleviate the need for referring to a building as "the second building from the main office".

I also inspected the drums at the CWC which originated with the closure activities of the 183-H Basins. These drums were to be inspected by USDOE for corrosion as per our June 20, 1989 NOV. All of the drums appeared to be in good condition.

We proceeded to the 183-H Basins and were met by Ed Powers (WHC), Mike Mihalic (WHC) and John Sands (DOE). Solidification of the basin liquid has begun. The process has been going smoothly except for getting qualified riggers and crane operators to the site. Approximately 170 drums of solidified waste were staged near the facility awaiting transport to the CWC.

I also verified USDOE compliance with our June 20, 1989 NOV requiring the removal and repackaging of two corroded and leaking drums. The drums have been removed. Further discussion on July 21, 1989 provided an appropriate response to this same NOV requiring explanation for the leakage.

cc: 183-H file  
Central Waste Complex file  
Nonradioactive Dang. Waste Landfill file  
B Pond file  
A-29 Ditch file