

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

June 28, 2002

TO: K. Fortenberry, Technical Director
FROM: D. Grover and M. Sautman, Hanford Site Representatives
SUBJ: Activity Report for the Week Ending June 28, 2002

Mr. Sautman was on leave this week. Mr. Stokes was onsite reviewing various topics associated with the Waste Treatment Plant. Messrs. Contardi and Zavadoski were onsite reviewing the ventilation system design for the Waste Treatment Plant.

Spent Nuclear Fuel Project (SNFP): The completion of Fuel Transfer System construction planned for this week, will be delayed several more weeks. The project still intends to dedicate the previously planned time for readiness preparations and the readiness demonstration process. As a result the project is currently planning to move fuel from K-East to K-West in mid-September. The Sludge Water System for K-East continues to experience severe delays that are likely to result in startup being extended into the next calendar year. This is primarily due to delays in completing the in-basin system design, which still has not been released for procurement. A concern with hydrogen generation rates during storage at T-Plant is requiring a design change to the storage container vent filter. The current filter design limits the release of hydrogen to the cell and a search is underway for a filter that will meet the new design requirements. The project has switched to processing Mark IV fuel rather than Mark I fuel. This allows a more efficient packaging in each Multi-Canister Overpack (MCO), averaging 5.9 metric tons of fuel per MCO instead of only 4.7 metric tons for the Mark I fuel. (III-A)

Emergency Preparedness: The emergency preparedness exercise team held an out brief this week for the site management. In addition to the issues discussed in last week's report, the team also identified that the existing emergency response procedures do not adequately address events occurring in the 600 area and the roles and responsibilities for the emergency duty officer were not clearly understood for events outside facility boundaries. (III-A)

cc: Board Members