

SEP 11 1978

NOTE TO: J. T. Collins, Deputy Director
TMI Support

FROM: L. Bell
TMI Support

SUBJECT: INFORMATION RELATING TO DECON AND THE POTENTIAL
IMPACT ON PROCESSING WITH EPICOR-II

In order to keep you informed on current projects in the area of radwaste, note the items listed below. These items can have long-term implications. The possibility exist for complications arising when liquid waste processing begins. The potential exist for unnecessary equipment damage and unnecessary personnel exposure during future operation.

Problem Area

1. Maintenance

- (a) Leaking concentrated sulfuric acid and boric acid that eventually ends up in the Auxiliary Building drain system and ultimately in the Auxiliary Sump Tank. This will eventually lead to the loss of the drain system. The speed depending only on the dilution. Sulfuric and boric acid from a number of leak sources is being diluted with water is currently being pumped from the Auxiliary Sump Tank to the MWH to the tank farm. Other long range problems include possible damage to the resins used in EPICOR-2.

Preventive Maintenance

- (b) (PM) Fouled filters

Nearly all the filters in Unit-2 are currently being by-passed. This means that the sludge and crud from the sump is being pumped thru plant systems and into tanks. At some future date, these tanks will have to be de-sludge creating possible personnel exposure problem. In addition to the above, the most immediate problem will be pump failure if filters are continued to be by-passed.

2. Valve Leakage Problem

The decon group is currently putting together a list of problem valves and other problem components. In order to reduce the in-leakage into the plant identified, leaks should be fixed. This is particularly important since storage space in Unit 2 is fast being depleted (remaining capacity-44 days).

3. Increased efforts to prevent re-contamination of decontaminated areas after an area has been decontaminated in many cases the area is re-contaminated by other workers. There is a need to prevent this. Management should take appropriate actions to assure that steps are taken to prevent re-contamination.

L. Bell
TMI Support

cc:
R. Vollmer
TMI Staff

TMI Support

LBell:si

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