



- I. LER NUMBER: 82-132/03X-1
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

The Process Radiation Monitor for "1B" RHR Service Water was declared inoperative because the sample pump experienced seal failure. Radiation/Chemistry Department was notified to obtain samples as required by the Technical Specifications found on Table 3.3.7.10-1, Action 101.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The health and safety of the general public was not affected. Samples of water taken prior to declaration of inoperative status show no radioactivity above background. There were no discharges through this release path while the monitor was inoperative. Pump seal failures were identified previously on "1B" RHR sample pump (DVR 1-1-82-119) June 6, 1982 and "1A" RHR sample pump (DVR 1-1-82-119) June 30, 1982. In both cases the pumps were repaired and returned to service. The pump is manufactured by the Price Pump Company and the model number is E100-50B.

- VI. CAUSE:

Pump seal failure was the cause of the leakage and failure was due to either not filling and venting properly or the existing piping does not allow for proper suction to the pump. The pump is located higher than its suction point which could cause flow interruptions which could damage the seals. An identical pump which is on the Service Water system has not had seal problems. The piping for the service water sample allows for better suction to the pump.

- VII. CORRECTIVE ACTION:

The pump has been repaired and returned to service per work request L19507. The station is looking into the feasibility of relocating the sample skid to eliminate the problem of inadequate suction. A.I.R. 1-82-526 has been initiated to follow this problem.

Prepared by: W. R. Luett