

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/83003 Technical Specification Involved: 3.3.3.9

Reported Under Technical Specification: 6.9.1.12.b

Date of Occurrence: 01/24/83 Time of Occurrence: 1425 CST

Identification and Description of Occurrence:

ERCW effluent line radiation monitor to train "A" discharge header (RM-90-133/140) was declared inoperable due to the monitor being in the alarmed state. On December 7, 1982, an initial grab sample was taken and no activity was found. However, eight hour grab samples as required by the action statement 32 were not continued. This resulted in a failure to meet the requirements of action statement of the LCO. On January 24, 1983, the above situation was identified and the action statement requirements were implemented.

Conditions Prior to Occurrence:

Unit 1 in mode 3 () and unit 2 in mode 1 (97% power).

Apparent Cause of Occurrence:

The failure to implement the requirements of the action statement was caused by an inadequate surveillance instruction which did not require the absence of alarms to prove operability of the monitor. A contributing cause was that the technical specification LCO was interpreted to mean that a proper monitor setpoint was all that was required.

Analysis of Occurrence:

On December 7, 1982, the monitor high radiation alarm was received and a grab sampling was initiated. No activity was found; however, background radiation to the monitor had caused the monitor to stay in high alarm. All monitor functions were verified to be working properly except that the alarm would not clear due to the background readings.

Since the SI did not rely on the absence of alarms to prove operability and the monitor responded to daily channel checks, the monitor was not declared inoperable.

Corrective Action:

Upon identification of the occurrence on January 24, 1983, the requirements of the action statement were complied with. An evaluation was made of the nature of the background radiation and the alarm setpoint. The alarm was cleared by adjusting the setpoint which includes the background radiation.

A review was made of the technical specification LCO bases and an interpretation has been made to require Operations to clear the alarm from the monitor as quickly as possible. Otherwise, the monitor is to be declared inoperable and the action statement complied with. The surveillance instruction will be revised to reflect these guidelines for verifying operability.

Failure Data:

None.