

ATTACHMENT TO LER 79-24/3L
NORTHEAST NUCLEAR ENERGY COMPANY
MILLSTONE NUCLEAR POWER STATION-UNIT 1
PROVISIONAL LICENSE NUMBER DPR-21
DOCKET NUMBER 50-245

Identification of Occurrence

Operation in degraded mode permitted by a limiting condition for operation occurred when an instrument that initiates reactor building ventilation and standby gas treatment system initiation was found to be tripping outside the Tech. Spec. allowable band.

Conditions Prior to Occurrence

Prior to the occurrence, the unit was operating at full power steady state.

Description of Occurrence

On July 31, 1979, at 1300 hours, while performing routine surveillance on Refuel Floor High Radiation Monitor Functional surveillance, it was discovered that Channel 1 was tripping at a value outside the value allowed in the Technical Specifications. The channel was found to be tripping at a value of 150 mrem./hr., with the allowable trip setting being less than or equal to 100 mrem./hr. (90 ± 10 mrem./hr.).

Apparent Cause of Occurrence

The cause of this occurrence is believed to be instrument drift.

Analysis of Occurrence

The reactor building vent and refuel floor radiation monitors are designed to isolate the reactor building ventilation system and initiate the standby gas treatment system when a trip setting is reached. Either one of the two channels will initiate the isolation action. One channel out of specification did not impair the system's ability to perform its intended function since the other channel was within specification and would have, by itself, initiated the isolation action.

Technical Specifications allow one channel to be inoperable for 24 hours. The subject channel was recalibrated when it was discovered to be out of specification.

Corrective Action

The subject channel was recalibrated, tested and returned to service. This surveillance will be monitored for trend development.

This occurrence is similar in nature to LER 79-12/3L.

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