



LER SUPPLEMENTAL INFORMATION

SQRO-50-327/8047 Technical Specification Involved: 3.5.2

Reported Under Technical Specification 6.9.1.12.i

Date of Occurrence: 5/13/80 Time of Occurrence: 1000 EDT Unit 1

Identification and Description of Occurrence

Support 1-SIH-86 and 1-SIH-315 were inadvertently reversed during installation. Seismic analysis indicates that the pipe that runs from safety injection pump B to the hot leg of reactor coolant loop could fail during a seismic event causing a degradation of performance in train B of SIS.

Conditions Prior to Occurrence

Unit 1 was in mode 3.

Action Specified in the Technical Specification Surveillance Requirements Met Due to Inoperable Equipment

The supports were returned to proper orientation within 72 hours per action statement 3.5.2. Further analysis of the break location indicates that this technical specification (3.5.2) was not violated.

Apparent Cause of Occurrence

The two lines involved are side-by-side. When the support was installed, the identity of the two lines was confused, and the support was inadvertently reversed.

Analysis of Occurrence

The location of the proposed break was on the 4-inch line that runs from the safety injection pump B to the hot legs (loops 2 and 4) of the reactor coolant system. This break is just upstream of the 4-inch to 2-inch reducer and is isolable from the reactor coolant system by two check valves. This break is also isolated from train B safety injection pump by normally shut flow control valve PCV 63-157. Therefore, both trains of safety injection system can meet their primary function of injecting water from the refueling water storage tanks to the four cold loops of the reactor using both train A and B of safety injection pumps. This break will cause a loss of capability to inject water in the hot leg of loops 2 and 4. This lineup is used to prevent boron stratification. This analysis indicates that this location of the break does not violate Technical Specification 3.5.2.

Corrective Action

The supports were removed and then reinstalled in the proper orientation.

Failure Data

N/A.