



Additional Event Description and Probable Consequences:

On Monday, May 5, 1980, notification was received from our Architect-Engineer that inspections and reanalyses in progress in accordance with USNRC I&E Bulletin 79-14 had revealed a potential problem involving inadequate support of the 3A and 3B resistance-temperature detector (RTD) bypass loops. Reference FSAR Figure 4.2-1. Specifically, the results indicated that the calculated maximum stress associated with the piping exceeded the acceptance criteria established for this review. USNRC I & E Region II was notified of the above information both verbally and by facsimile transmission.

Further review and evaluation revealed that each of the three primary system RTD loops were affected by the overstress problem. This deficiency could have potentially resulted in overstress of this piping during a SSE. This type of deficiency should not be generic since pipe routings and support arrangements are unique.

Evaluation of the RTD loop piping on Unit No. 4 revealed that each of the three primary system RTD loops were affected by the same type of overstress problem due to inadequate support.

Similar occurrences (relating to the inspections pursuant to USNRC I&E Bulletin 79-14) were reported as LER 250-79-26 and LER 250-79-40.

Additional Cause Description and Corrective Actions:

The evaluation confirmed that an overstress condition could potentially exist. Based on these results, a plant change/modification was designed and installed (subsequent to unit shutdown) to correct the deficiency.

Subsequent evaluation of the RTD loop piping on Unit No. 4 confirmed an overstress condition could potentially exist. Based on these results, a plant change/modification was designed and installed (prior to unit startup) to correct the deficiency.

A full accounting of inspection results and repairs will be made in response to USNRC I&E Bulletin 79-14.

