

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

and it was found that the manufacturer had also taken cross-tap (continued)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

piped to tap set 2 taps.

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Event Description and Probable Consequences (continued)

differential pressure data. This data indicated that the maximum differences in reading between the correct and cross-connected calibration runs never exceeded the maximum tap set to tap set difference in any correctly connected calibration runs which proves the feedwater flow error flow cross-connection to be insignificant. This is a non-repetitive occurrence.

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NARRATIVE LER 79-040-01-T-0

On May 23, 1979, during the hanger repair maintenance outage it was discovered by an engineer making a routine inspection that the feedwater flow elements 2C32-N001 A and B were piped up incorrectly to the low pressure taps as indicated by the Instrument Installation Details and Instrument Instructions manual. The taps to which the flow element was installed did not have flow calibration data since flow data was only furnished for the tap sets, not for a cross connection. The as-installed configuration had the high pressure taps on tap set 2 and the low pressure taps on tap set 1. The manufacturer of the flow element, the Permutit Company, was consulted and it was found that Permutit had also taken crosss-tap differential pressure data. This data indicated that the maximum differences in reading between the correct and cross-connected calibrations runs never exceeded the maximum tap set to tap set difference in any correctly connected calibration run which proves the feedwater flow error flow-cross-connection to be insignificant for this non-repetitive occurrence.

The cause for this inadvertent cross-connection of the feedwater flow taps was a personnel error made at the site during construction stages.

The flow elements were repiped to tap set 2 taps as required by the original design.

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