IRC FORM 366

U. S. NUCLEAR REGULATORY COMMISSION

7.77) LICENSEE EVENT REPORT (PLEASS PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 0 L 6 9 5 9 - 0 3 4 6 0 1 2 2 7 7 9 8 0 1 0 8 8 0 9 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80 CON'T 0 1 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) |On December 21, 1979, it was discovered that there was insufficient clearance between 0 2 the Reactor Coolant System (RCS) hot leg and some of the shims of the pipe whip res-0 3 traints. On December 27, 1979, it was determined that this was in conflict with an 0 4 assumption of the RCS piping seismic analysis, that there be no contact between the RCS 0 5 hot leg piping and the whip restraints. This became immediately reportable under T.S. 0 6 6.9.1.8.h. There was no danger to the health and safety of the public or station per-0 7 (NP-32-79-14) sonnel. These restraints do not affect normal operation. 0 8 VALVE COMP. SUBCODE CODE CAUSE COMPONENT CODE CODE SUBCODE UPOR X (15 (16) T |(14 S A (13 B (12) CB 0 9 REVISION REPORT OCCURRENCE SEQUENTIAL REPORTNO ø LI LER RO 013 31 Ø REPORT NUMBER COMPONENT MANUFACTURE PRIME COMP. NPRD-4 ATTACHMENT SUBMITTED SHUTDOWN SUP LIER EFFECT ON PLANT FORM FUTURE HOURS SUB B 10 NI 10 10 (24) Z (21 (23) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of the occurrence was an architectural design error by Bechtel. They were discovered by TECo personnel while performing RCS hot leg RTD modification work. Under 1 1 Facility Change Request 79-441, Supplement 1, pipe whip restraints R1 and R4 were modified by removing shim packs from the shims. R3 had the shim completely removed. The work was completed by 1600 hours on December 29, 1979. 80 1 4 METHOD OF DISCOVERY DESCRIPTION (32) OTHER STATUS (30) FACILITY S POWER B 31 during FCR implementation Ø Ø 80 LOCATION OF RELEASE ACTIVITY CONTENT AMOUNT OF ACTIVITY (35 RELEASED OF RELEASE NA (34) Z (33) Z 6 80 1738 026 PERSONNEL EXPOSURES DESCRIPTION (39) ULIMAFR 0 0 0 37 Z 35 NA 80 PERSONNEL INJURIES DESCRIPTION (41) UMB. A 0 (40) Ø NA 80 LOSS OF OH DAMAGE TO FACILITY (43) DESCRIPTION TYPE 8001140 320 Z (42) NA 9 NRC USE ONLY PUBLICITY DESCRIPTION (45) SSUED N 44 NA 2 0 80 69 68 10 203 419-259-5000. Ext.

TOLEDO EDISON COMPANY DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE SUPPLEMENTAL INFORMATION FOR LER NP-32-79-14

DATE OF EVENT: December 27, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: A conflict between an assumption in the Reactor Coolant System (RCS) piping seismic analysis and some pipe whip restraints

Conditions Prior to Occurrence: On December 21, 1979, while performing modification work on the RCS hotleg, it was discovered there was no clearance between the hot leg and some of the shims of the pipe whip restraints. On December 27, 1979, it was determined that this was in conflict with the RCS piping seismic analysis assumptions, that there would be no contact between the hot leg piping and the pipe whip restraints during a seismic event. This became immediately reportable under Technical Specification 6.9.1.8.h as a condition which conflicts with an assumption of an accident analysis. Being in cold shutdown (Mode 5), the unit remained down until corrections were made.

Designation of Apparent Cause of Occurrence: The cause of the occurrence was an architectural design error by Bechtel. These errors were discovered while performing RCS hot leg resistance temperature detector (RTD) modification work. These original design errors were random and not due to any general deficiency in the original design method.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. These whip restraints are not required for normal system performance.

Corrective Action: Under Facility Change Request 79-441, Supplement 1, pipe whip restraints R1 and R4 were modified by removing shim packs from the shims. R3 was modified by removing the shim completely. All affected whip restraint modifications were completed by 1600 hours on December 29, 1979, prior to returning the unit to operation.

Failure Data: There were no previously reported conflicts between the pipe whip restraints and the assumptions of the seismic analysis.

LER #79-130

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