

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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