

TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-77-23

DATE OF EVENT: July 29, 1977

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Removed High Pressure Injection Line 1-2 from Service to perform hydrostatic test

Conditions Prior to Occurrence: The plant was in Mode 3, with Power (MWT) = 0 and Load (MWE) = 0.

Description of Occurrence: In October, 1976, it was discovered that the welded stellite seat was cracked in one of the four High Pressure Injection (HPI) Line Stop Check Valves, HP49. The valve was replaced in February, 1977, with a new stop check valve which required a complete reweld to install the new body. Since welding had been performed on the piping, a hydrostatic test on that section of pipe had to be completed. Since there are no isolatable boundaries between HP49 and the Reactor Coolant System (R.C.S.), the hydrostatic test had to be delayed until the Reactor Coolant System was pressurized. At 1100 hours on July 29, 1977, with the R.C.S. pressurized to 2120 PSIG, HP49 was hydro tested. This required removing power from injection valve HP2D rendering one of the two flow paths for HPI Pump 1-1 inoperable. At this time the plant was in Mode 3 for which Technical Specification 3.5.2 required entry into an action statement if either HPI Pump is inoperable. At 1630 hours on July 29, 1977, the hydro test was completed and power restored to HPI Valve HP2D. This removed the Station from the action statement of Technical Specification 3.5.2.

Designation of Apparent Cause of Occurrence: The cause of this event was deliberately entering an action statement to perform the required hydrostatic test.

Analysis of Occurrence: Since HPI Pump 1-2 was operable and only one of the two HPI Pump 1-1 Injection Valves was inoperable, H.P.I. would be supplied if needed under accident conditions; therefore, no threat occurred to the health and safety of the public or to Station personnel.

Corrective Action: The hydrostatic test was completed and power restored to the High Pressure Injection Valve, HP2D, by 1630 hours on July 29, 1977.

Failure Data: No previous similar events have occurred.