



TOLEDO EDISON COMPANY  
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE  
SUPPLEMENTAL INFORMATION FOR LER NP-33-82-26

DATE OF EVENT: May 5, 1982

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Source range audible indication inoperable.

Conditions Prior to Occurrence: The unit was in Mode 6, with Power (MWT) = 0 and Load (Gross MWE) = 0.

Description of Occurrence: On May 5, 1982 at 1905 hours while performing ST 5099.01, Miscellaneous Instrument Shift Check, an operator found the source range audible indicator signal lead disconnected from the count rate amplifier in the indicator. This left the station without an audible indication of Source Range Count while in Mode 6, and required an entry into the action statement of Technical Specification 3.9.2 which calls for the immediate suspension of all operations which involve core alterations or positive reactivity changes when a minimum of two visible source range instruments and one audible instrument are not available. No core alterations were in progress at the time.

Designation of Apparent Cause of Occurrence: The performance of ST 5091.01, Source Range monthly functional test, was completed satisfactorily at 1510 hours on May 5, 1982 prior to the discovery of the disconnected audible source range indicator at 1905 hours. Although ST 5091.01 does not include the testing of the audible indicator is has been a practice to disconnect the signal lead to the instrument prior to testing to prevent the instrument from alarming in the control room and containment building during the course of the test. However, disconnecting the cable was not a step in the procedure nor was it controlled by the lifted wire log. The I & C technician initiating the test was subsequently relieved by another I & C technician. A turnover between the two technicians failed to include the disconnected audible indicator. The procedure, ST 5091.01, does not include audible indicators and therefore reconnecting the signal lead to the indicator was overlooked. Upon completion of the testing, source range visual instruments were declared operable without ensuring that audible source range indication was operable.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. No operations involving core alterations or positive reactivity changes were in progress. Two visual indicators of source range count were operable.

Corrective Action: Procedure modifications to ST 5091.01 have been written to make the removal and the re-installation of the audible indication cable controlled steps in the procedure. T-6332 has also been written to include a check of the operability of the audible indication after the cable has been reconnected.

Failure Data: No previous or similar events have occurred.

LER #82-021