

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-80-57

DATE OF EVENT: June 9, 1980

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Audible Source Range Indication (NIMBINS) inoperable in the control room and in Containment.

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

Description of Occurrence: On June 9, 1980, at about 1020 hours, while preparing to perform ST 5011.01, Source Range Functional Check on NI-2, the technician discovered that the coax cable from NI-2 was not completely connected to the NIMBINS equipment in the control room. The NIMBINS is a temporary setup which provides audible source range indication in the control room and in Containment which is only required in Mode 6. This meant that the audible indication had not been operable since June 8, 1980, at 0540 hours when the NI-1 was disconnected from the NIMBINS and NI-2 (incompletely) connected. This placed the Station in violation of Technical Specification 3.9.2 which required audible source range indication in the control room and in Containment while in Mode 6. After investigating the coax cable arrangement between the NIMBINS and both NIs, the technician properly connected NI-1 to the NIMBINS and insured NIMBINS was operating properly. There were no core alterations occurring during this time.

Designation of Apparent Cause of Occurrence: The apparent cause of the event was a procedure deficiency. A change of wiring to the NIMBINS must be made when switching from NI-1 to NI-2. However, a formal written procedure does not exist to instruct the technicians in the correct connection.

Analysis of Occurrence: There was no danger to the health and safety of the public or to Unit personnel. There were no core alterations or positive reactivity changes taking place, and visual indication of NI-1 and NI-2 was continually available in the control room. The NIMBINS was not defective, its input was just disconnected for about 28 hours.

Corrective Action: On June 9, 1980, shortly after the mistake was discovered, the technician connected NI-1 to the NIMBINS and insured the NIMBINS was receiving the NI signal. Cognizant Operations and Maintenance personnel were reminded of the correct NIMBINS hookup for each NI, and information tags were hung on the NI coax cables to insure proper connection during this temporary equipment arrangement.

Facility Change Request 79-098 has been approved for installation of a permanent audible source range indication system. A test procedure to ensure that audible source range indication is available in the control room will be written at that time.

Failure Data: There have been no previous similar reportable occurrences of this type.