



A Centene Energy Company

DONALD C. SHELTON
Vice President - Nuclear
(419) 249-2300

Docket Number 50-346

License Number NPF-3

Serial Number 1784

March 19, 1990

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Supplemental Response to Generic Letter Number 89-06

Gentlemen:

During a telephone conference call on December 8, 1989, members of the Nuclear Regulatory Commission (NRC) staff (T. V. Wambach-NRC/NRR Senior Project Manager; R. Correia - NRC/NRR Human Factors Branch; C. Goodman - NRC/NRR Human Factors Branch; G. West NRC/NRR Human Factors Branch) requested that Toledo Edison (TE) provide justification for not adding Reactor Coolant System (RCS) Level or Hot Leg Level indication to the Davis-Besse Nuclear Power Station (DBNPS) Safety Parameter Display System (SPDS) pursuant to the item cited in Section B. of the NRC Staff's July 16, 1984 (Log Number 1561) Safety Evaluation Report (SER) on SPDS. Toledo Edison verbally responded to the request during the December 8, 1989 telephone conference call and committed to docket the response in order to close the SER item. This letter constitutes Toledo Edison's response.

Davis-Besse Nuclear Power Station, Unit Number 1 has not installed a Reactor Vessel Level Monitor. In response to NUREG-0737, Items II.B.1 and II.F.2, TE installed, during the fifth refueling outage in 1988, a Continuous Vent Line from the reactor vessel head to the steam generator upper head for eventual venting through the RCS hot leg high point vent. The Continuous Vent Line is passive, contains no valves, and continuously vents gases or steam which may be generated in the reactor vessel during postulated accident conditions to the RCS hot leg high point. Integral system testing conducted on the Continuous Vent Line design has shown it to be effective in venting gases/steam from the reactor vessel head to preclude potential core uncover by maintaining the reactor vessel full of water and, thereby, eliminates the need for the Reactor Vessel Level Monitor.

9003280405 900319
PDR ADOCK 05000346
P PNC

THE TOLEDO EDISON COMPANY EDISON PLAZA 300 MADISON AVENUE TOLEDO, OHIO 43652

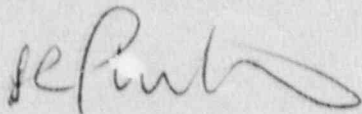
100A
110

Docket Number 50-346
License Number NPF-3
Serial Number 1784
Page 2

The Hot Leg Level Monitor, installed pursuant to NUREG-0737, Item II.F.2, is not part of the SPDS in that information that may be provided by this monitor is only available when the reactor coolant pumps are idle and is not addressed in plant emergency procedures for detecting an approach to inadequate core cooling (ICC). Information is readily available on the SPDS regarding concurrent trending of RCS temperature and secondary plant pressure-temperature conditions. This information allows the operators to assess primary to secondary heat transfer and, thereby, provides necessary information on an approach to ICC during a transient/event when the reactor coolant pumps are running or are idle. Therefore, this type of information is more meaningful and readily available to the operators for assessing RCS/secondary side performance and any approach to ICC.

The above provides the necessary information to close the open SER item. If you have any questions, please contact Mr. R. W. Schrauder, Manager-Nuclear Licensing, at (419) 249-2366.

Very truly yours,



RMC/ssg

cc: P. M. Byron, DB-1 NRC Senior Resident Inspector
A. B. Davis, Regional Administrator, NRC Region III
T. V. Wambach, DB-1 NRC Senior Project Manager