

CONFIRMATORY ACTION LETTER

DmB

June 10, 1985

Docket No. 50-346

Toledo Edison Company
ATTN: Mr. Richard P. Crouse
Vice President
Nuclear
Edison Plaza
300 Madison Avenue
Toledo, OH 43652

Gentlemen:

This letter confirms the conversations on June 10, 1985, between you and Charles E. Norelius of my staff related to the reactor trip at the Davis-Besse Nuclear Plant on June 9, 1985. While operating initially at 90% power, a reactor trip and other subsequent problems with the main and auxiliary feedwater systems resulted in a situation where no feedwater-flow was available for 10-12 minutes causing low level in the steam generators.

With regard to the matters discussed, we understand you have taken or will take the following actions:

1. Hold in abeyance any work in progress (electrical or mechanical) and/or any work planned on equipment that malfunctioned during the incident, such as dismantling or disturbing existing evidence, until the NRC Investigative Team has had an opportunity to evaluate this event and concur on your proposed corrective action(s).
2. Review main steam isolation valve actuation.
 - a. Establish the cause(s) of the unexplained closure of both MSIVs.
 - b. Determine and implement the corrective action(s) necessary to prevent recurrence.
 - c. Perform additional testing to ensure the MSIVs operate as required.
3. Review the auxiliary feed system actuation.
 - a. Establish the cause(s) of the inadvertent trip of both auxiliary feedwater pumps (AFP).
 - b. Determine and implement the corrective action(s) necessary to prevent recurrence.

CONFIRMATORY ACTION LETTER

8506140134 850610
PDR ADGCK 05000346
S PDR

1/0

IE01

CONFIRMATORY ACTION LETTER

Toledo Edison Company

2

June 10, 1985

4. Review the main feed system operation.
 - a. Establish the cause(s) of the inadvertent trip of the No. 1 main feed pump (MFP).
 - b. Determine and implement corrective action(s) to prevent recurrence for both main feed pumps.
5. Complete and submit to NRC Region III the results of your investigation of this event including your safety evaluation, an evaluation of thermal shock considerations for both Steam Generators (SG), the maximum S/G shell differential temperature, and possible general mechanical damage to any affected system(s). Also report your basis for event classification and the adequacy of information as originally reported to the NRC on June 9, 1985.
6. Complete the actions required by items 1-5 and obtain verbal concurrence from the NRC Region III Regional Administrator or his designee prior to authorizing restart (Mode 2) of the reactor.
7. Main and Auxiliary Feed System Testing.
 - a. Perform testing which can be performed below 5% power, of the MFP's to demonstrate all pumps operate as required.
 - b. Perform testing of the AFP's to assure all pumps operate as required.
 - c. Appropriate test results, your conclusions, and a summary of corrective actions taken will be provided to the NRC resident office upon completion.
8. After all actions required above are completed obtain verbal concurrence from the NRC Region III Regional Administrator or his designee prior to exceeding 5% reactor power.

CONFIRMATORY ACTION LETTER

Toledo Edison Company

3

June 10, 1985

Please let us know immediately if your understanding differs from that set forth above.

Sincerely,

Original signed by
James G. Keppler

James G. Keppler
Regional Administrator

cc w/enclosure:

S. Quennoz, Station

Superintendent

DMB/Document Control Desk (RIDS)

Resident Inspector, RIII

Harold W. Kohn, Ohio EPA

James W. Harris, State of Ohio

Robert H. Quillin, Ohio

Department of Health

CONFIRMATORY ACTION LETTER

RIII

Forney/kr

Davis

06/10/85

RIII

Burgess

Keppler

6/10/85

RIII

Greenman

RIII

Harrison

6/10

RIII

NOTETUS

6/10/85