



**CENTERIOR
ENERGY**

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John P. Stetz
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Davis-Besse

Docket Number 50-346

License Number NPF-3

Serial Number 1-1081

August 14, 1995

Mr. H. J. Miller
Regional Administrator
United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Subject: Revised Commitment for Verification of Computer Calculations

Gentlemen:

In response to Inspection Report 50-346/85009-03 and in Licensee Event Report (LER) 85-008-01, Toledo Edison (TE) made commitments to perform a weekly verification of computer calculations for the heat balance at the Davis-Besse Nuclear Power Station. The weekly test compares the manual heat balance calculations to the plant computer calculations.

The violation and LER resulted from TE not performing a test using manual calculations to duplicate the computerized heat balance calculation for determining reactor thermal power at the beginning of Cycle 5 in early 1985. The requirements at the time of the violation were to perform the test monthly, at the beginning of a fuel cycle, until the computer had been verified to consistently perform satisfactorily. This verification is not required by Technical Specifications and thus, is not included in a surveillance test. As a result of the violation and LER, TE committed to "the performance of heat balance calculations weekly to verify the computer computations and to include a comparison of the inputs with the available instruments to assure that computer points are valid."

Toledo Edison is revising its commitment to perform the heat balance at the initial power escalation (beginning of cycle) and the computer point verification on a quarterly basis. The performance of the test less frequently will continue to satisfactorily verify that the calculation is being performed correctly by the plant computer and the computer points are accurate. The heat balance will be performed by hand calculation verifying the computerized heat balance calculations

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as part of power escalation during initial startup after a refueling outage to verify computer calculations are accurate. Additional verification of the heat balance is not necessary once the initial calculations have been verified. The computer point verification will be performed quarterly to verify there are no computer point failures that have gone undetected by the normal monitoring and trending programs.

Should you have any questions or require additional information, please contact Mr. William T. O'Connor, Manager - Regulatory Affairs, at (419) 249-2366.

Very truly yours,



GAB/eld

cc: L. L. Gundrum, NRC Project Manager
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