



Consumers
Power
Company

David J VandeWalle
Nuclear Licensing Administrator

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March 21, 1983

Dennis M Crutchfield, Chief
Operation Reactor Branch No 5
Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - RESPONSE TO
IE BULLETIN 83-04, DATED MARCH 11, 1983

Consumers Power Company's response to IE Bulletin 83-04, "Failure of the Undervoltage Trip Function of Reactor Trip Breakers," is as follows:

Item 1

"Perform surveillance tests of undervoltage trip function independent of the shunt trip function within 5 days of receipt of this Bulletin unless equivalent testing has been performed within 10 days. Those plants currently shutdown should complete this item before resuming operation or within 10 days, whichever is sooner. Those plants for which on-line testability is not provided should complete this item at the next plant shutdown if currently operating."

Response

The Palisades Plant uses contactors in its reactor protection system (RPS) rather than reactor trip breakers and associated undervoltage trip devices. Thus, the RPS failure which is the subject of this bulletin could not occur at Palisades.

Item 2

"Review the maintenance program for conformance to the latest manufacturer's recommendation, including frequency and lubrication. Verify actual implementation of the program. If maintenance does not conform, initiate such maintenance within 5 days of receipt of this bulletin or provide an alternate maintenance program. Repeat the testing required in item 1 prior to declaring the breaker OPERABLE."

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Response

The Palisades Plant uses Allen Bradley contactors for undervoltage protection in the Reactor Protective System. As a result of IEB 83-04, the vendor was contacted and their latest recommendations concerning preventative maintenance (PM) were obtained. These recommendations only call for the contactors to be inspected at unspecified intervals. There are no lubrication and/or cleaning recommendations specified. While the vendor recommendations are being reviewed by the Maintenance Department, no further action, including the initiation of a formal PM program, is required.

Item 3

"Notify all licensed operators of the failure-to-trip event which occurred at Salem (see IE Bulletin 83-02) and the testing failures at San Onofre Units 2 and 3 described above. Review the appropriate emergency operating procedures for the event of failure-to-trip with each operator upon his arrival on-shift."

Response

A memo was issued by the Operations Supervisor on March 18, 1983 to Shift Supervisors, Control Operators, Shift Engineers, and the Training Department. This memo ensures that the following information will be reviewed by licensed operators upon their arrival on-shift.

- . The events at Salem and San Onofre concerning failures in the RPS (IE Bulletins 83-01 and 83-04).
- . Palisades Plant Emergency Operating Procedure EOP-1, "Reactor Trip:."
- . Palisades Plant Off-Normal Procedure ONP-7, "Control Rod Trip Failure".

Item 4

"Provide a written reply within 10 days of receipt of this bulletin:"

- a. "Identify results of testing performed in response to item 1. Plants without on-line testability should report the date and results of the most recent test." Response
Not applicable
- b. "Identify conformance of the maintenance program to manufacturer's recommendation and describe results of maintenance performed directly as a result of this Bulletin in response to item 2."

Response

The Palisades Plant uses Allen Bradley contactors for undervoltage protection in the Reactor Protective System. As a result of IEB 83-04, the vendor was contacted and their latest recommendations concerning preventative maintenance (PM) were obtained. These recommendations only call for the contactors to be inspected at unspecified intervals. There are no lubrication and/or cleaning recommendations specified. While the vendor recommendations are being reviewed by the Maintenance Department, no further action, including the initiation of a formal PM program, is required.

- c. "Provide a statement that provisions are in place to notify license operators of the Salem and San Onofre events and bring to their attention appropriate failure-to-trip emergency procedures upon their arrival on-shift."

Response

- . The events at Salem and San Onofre concerning failures in the RPS (IE Bulletins 83-01 and 83-04).
 - . Palisades Plant Emergency Operating Procedure EOP-1, "Reactor Trip:."
 - . Palisades Plant Off-Normal Procedure ONP-7, "Control Rod Trip Failure".
- d. "Provide a description of all RPS breaker malfunctions not previously reported to the NRC."

Response

Not applicable

- e. "Verify that procurement, testing and maintenance activities treat the RPS breaker and UV devices as safety related. Report the results of this verification to the NRC."

Response

Not Applicable

Dennis M Crutchfield, Chief
Palisades Plant
Response to IE Bulletin 83-04
March 21, 1983

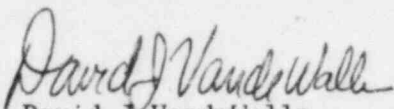
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Item 5

"Any RPS breaker failure identified as a result of testing requested by this bulletin should be promptly reported to the NRC via the emergency notification system, regardless of the operating mode of the plant at the time of the failure."

Response

Not Applicable



David J Vandewalle

Nuclear Licensing Administrator

CC Richard C DeYoung, Director of I&E
Administrator, Region III, USNRC
NRC Resident Inspector-Palisades

CONSUMERS POWER COMPANY

Palisades Plant
Docket 50-255 - License DPR-20

RESPONSES TO IE BULLETIN 83-04

At the request of the Commission and pursuant to the Atomic Energy Act of 1954 and the Energy Reorganization Act of 1974, as amended, and the Commission's Rules and Regulations thereunder, Consumers Power Company submits our response to IE Bulletin 83-04 dated March 11, 1983 entitled "Failure of the Undervoltage Trip Function of Reactor Trip Breakers." Consumers Power Company's response is dated March 21, 1983.

CONSUMERS POWER COMPANY

BY R B DeWitt

R B DeWitt, Vice President
Nuclear Operations

Sworn and subscribed to before me this 21st day of March 1983.

Sherry L. Durfey

Sherry L Durfey, Notary Public
Jackson County, Michigan

My commission expires November 5, 1986

SHERRY LYNN DURFEY
Notary Public, Jackson County, Mich.
My Commission Expires Nov. 5, 1986