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March 22, 1983
5211-83-091

Mr. R. C. Haynes
Region I, Regional Administrator
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
IE Bulletin 83-04

This letter is in response to your letter of March 11, 1983 forwarding IE Bulletin 83-04 concerning failure of reactor trip breakers to open during testing of UV trip function.

Sincerely,

H. D. Hukill
Director, TMI-1

HDH:RAS:vjf
Enclosure
cc: R. J. Conte

Sworn and Subscribed to
Before me this 22nd day
of March, 1983.

Notary Public
DARLA JEAN BERRY, NOTARY PUBLIC
MIDDLETOWN BORO, DAUPHIN COUNTY
MY COMMISSION EXPIRES JUNE 17, 1985
Member, Pennsylvania Association of Notaries

IE11

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DRAFT RESPONSE TO NRC BULLETIN 83-04

FAILURE OF THE UNDERVOLTAGE TRIP FUNCTION OF REACTOR TRIP BREAKERS

Item 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: Tests of the undervoltage trip feature were performed on 3/17/83. All six breakers tripped correctly and tripped within the allowable time.

Item 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 preventive maintenance program is in accordance with the manufacturers instructions included in Bulletin 79-09. The maintenance was performed during February 1983 and results were satisfactory.

Item c. Provide a statement that provisions are in place to notify licensed 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: Provisions are in place to notify operators of the Salem and San Onofre events and to instruct them on the procedure to be followed in the event the reactor fails to trip.

Item d. Provide a description of all RPS breaker malfunctions not previously reported to the NRC.

Response: On November 19, 1976 at 0030 hours, one of the AC trip breakers failed to trip during Post Maintenance Testing. The reactor was in a shutdown condition when the event occurred and the other CRD breakers were racked out. The cause for the malfunction was binding of the undervoltage device. The problem was corrected and the breaker was retested.

The event was evaluated by the Plant Operation Review Committee and determined to be not reportable. The event was not reported because the binding was caused by transporting and installing the breaker and the malfunction was detected before returning the system to service.

Item 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: The CRD Trip portion (AC and DC Trip Breakers, Undervoltage Device and Electronic Trips) is classified as Nuclear Safety Related. This classification requires that procurement, testing and maintenance be identified as safety related and is accomplished under the Operational QA plan. Procurement is identified as safety related commercial grade, and QA requirements specify receipt inspection and functional testing according to approved site procedures.