

December 6, 1993

Docket Nos. 50-413
and 50-414

Mr. David L. Rehn
Vice President, Catawba Site
Duke Power Company
4800 Concord Road
York, South Carolina 29745

Dear Mr. Rehn:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - ELECTRICAL DISTRIBUTION SYSTEM
FUNCTIONAL INSPECTION BREAKER COORDINATION ISSUE
(TAC NOS. M86367 AND M86368)

The Electrical Distribution System Functional Inspection at Catawba identified breaker coordination deficiencies in the 600 volt ac Motor Control Centers and the 125 volt dc system. These deficiencies were identified in the report as deviation number 50-413,414\92-01-06. We are reviewing the Duke Power Company Reply to the Notice of Deviation and find that the additional information identified below is needed.

Please provide current versus time curves for all the existing circuit breakers which have been found to be uncoordinated. Please provide a list of all locations at which a three-phase fault will result in miscoordinated EPL or EPQ circuit breakers, and the identities of the circuit breakers which will not coordinate for that fault. Also, please provide the fault calculations themselves.

This requirement affects fewer than ten respondents, and therefore, it is not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,

/s/

Robert E. Martin, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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PDII-3 Reading	S.Varga	EMerschoff, RII	

OFFICE	PDII-3/LA	PDII-3/PM	BC:EE/B <i>HB</i>	(A)D:PDII-3	
NAME	LBERRY	RMARTIN	CBERLINGER	LPLISCO	
DATE	11/10/93	11/30/93	12/01/93	12/16/93	

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script that reads "Robert E. Martin".

Robert E. Martin, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. David L. Rehn
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