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Docket File (50-413/414)
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ACRS (16)

NOV 16 1982

Docket Nos.: 50-413/414

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Tucker:

Subject: Request for Additional Information - Catawba Nuclear Station

In the performance of the Catawba Station licensing review, the NRC staff has identified the need for additional information in the Power Systems area (Enclosure). We request that you provide the information herein requested no later than December 17, 1982. If you require any clarification of this matter, please contact the project manager, Kahtan Jabbour, at (301) 492-7821.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosure:
As stated

cc: See next page

OFFICE	DL:LB#4	DL:LB#4	DL:LB#4				
SURNAME	KJabbour	MDuncan	FAdensam				
DATE	11/13/82	11/15/82	11/15/82				

CATAWBA

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ELECTRICAL SECTION

POWER SYSTEMS BRANCH

430.107 In FSAR revision 5 the interlocks shown in Figure 8.3.2-3 associated with the vital dc system spare battery charger circuit breakers have been changed. The new interlocking scheme does not preclude powering the spare charger from an AC division which is redundant to that of the DC division which the charger feeds. Since this could result in a challenge to the independence between redundant divisions, you should describe the basis for the interlocks chosen and describe how the cross connection between divisions will be prevented.

430.108 Provide the location of underground cabling at Catawba. Describe the proximity of underground Class 1E cables to piping, roads or non-Class 1E cables and describe the qualification and design criteria used for the underground system.

430.109 The load sequencing system at Catawba has an "accelerated sequence" feature which shortens the time intervals between load sequencing steps if system voltage and frequency setpoints are satisfied. Describe this feature in the Catawba FSAR and provide an analysis showing that the loads will be satisfactorily sequenced with no degradation to either the loads or the diesel generator.