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Docket Nos: 50-413  
and 50-414

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 reviewed your response to Q210.120 regarding the Catawba design documentation for a Class 2 & 3 piping system, and found it to be incomplete. The staff has identified the need for additional information as stated in the Enclosure. We request that you provide the information herein requested no later than January 21, 1983. 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

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A PDR

OFFICE	DL:LB #4	LA:DL:LB#4	DL:LB#4			
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DATE	1/7/83	1/7/83	1/7/83			

CATAWBA

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210.122

We have reviewed your response to Q210.120 and find that additional information is required to complete our review of your Class 2 & 3 piping design report. The following information is requested to be addressed.

- (a) For branch connections with small ( $d/D$ ), an  $i$ -factor of 1.0 has been used. This is acceptable provided a fillet radius,  $r_2$ , is specified and is present in the "as-built" branch connections. Has the fillet radius,  $r_2$ , been provided and, if not, how is  $i=1.0$  justified?
- (b) The applicant uses a stress limit for Code Eq. (10) of 22500 psi. This limit is in accordance with the Code only if the stress reduction factor  $f=1.0$ . Provide the basis for using  $f=1.0$ .
- (c) Evidence has not been provided that the 21 tees used in the RNE piping system meet the pressure-design requirements given in the Code NC/ND-3640. Provide this evidence and indicate where this evidence is filed.