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Docket Nos.: 50-413/414

Mr. William O. Parker, Jr.
Vice President - Steam Production
P.O. Box 33189
Charlotte, North Carolina 28242



Dear Mr. Parker:

Subject: Request for Additional Information - Catawba Nuclear Station

In the performance of the Catawba Station licensing review, the NRC staff has identified additional concerns in the Instrumentation and Control Systems area as stated in Enclosure 1. We request that you provide the information no later than June 11, 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

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SURNAME	KJabbour:eb	MDuncan	EAdensam				
DATE	5/17/82	5/17/82	5/17/82				

CATAWBA

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INSTRUMENTATION AND CONTROL CONCERNSFOR CATAWBA

1. Safety Injection Pump Suction Isolation Valve NI 100B and Safety Injection Pump Miniflow Header to Feedwater Valve NI 147B require power lockout to meet the single failure criterion. The power lockout scheme for each valve, as shown on Catawba Drawings CNEE-0151-01.10 and 0151-01.13, uses an additional manually controlled contactor (M2).

CONCERN

The staff believes that a short of the #1-#2 contact set for either "MAINTAINED" switch (NI65 or NI73) would constitute a non-detectable failure and thus violate the single failure criteria. Provide a discussion of how the above will be resolved for Catawba.

2. TMI-2 Action Plan Item II.E.1.2 Part 2 requires safety-grade indication in the control room of auxiliary feedwater flow to each steam generator powered from emergency buses consistent with emergency power diversity requirements of Auxiliary Systems Branch Technical Position 10-1.

CONCERN

The applicant's response to this Action Plan Item in the FSAR is inadequate and the staff believes design changes are being made in this area. Provide a discussion of the power sources to be used for the auxiliary feedwater flow indication.