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Docket File (50-413/414)

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ACRS (16)

AUG 17 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 identification of Safety-related Structures, systems, and components controlled by the QA program as stated in the Enclosure. We request that you provide the information needed no later than September 30, 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,

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

Enclosure:
As stated

cc: See next page

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PDR ADOCK 05000413
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OFFICE	DL:LB#4	LA:DL:LB#4	DL:LB#4			
SURNAME	KJabbour:eb	MDuncan	EAdensam			
DATE	8/16/82	8/16/82	8/16/82			

CATAWBA

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

cc: William L. Porter, Esq.
Duke Power Company
P.O. Box 33189
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esq.
Debevoise & Liberman
1200 Seventeenth Street, N.W.
Washington, D. C. 20036

North Carolina MPA-1
P.O. Box 95162
Raleigh, North Carolina 27625

Mr. F. J. Twogood
Power Systems Division
Westinghouse Electric Corp.
P.O. Box 355
Pittsburgh, Pennsylvania 15230

Mr. J. C. Plunkett, Jr.
NUS Corporation
2536 Countryside Boulevard
Clearwater, Florida 33515

Mr. Jesse L. Riley, President
Carolina Environmental Study Group
854 Henley Place
Charlotte, North Carolina 28208

Richard P. Wilson, Esq.
Assistant Attorney General
S.C. Attorney General's Office
P.O. Box 11549
Columbia, South Carolina 29211

Mr. Henry Presler, Chairman
Charlotte - Mecklenburg Environmental
Coalition
943 Henly Place
Charlotte, North Carolina 28207

North Carolina Electric Membership
Corp.
3333 North Boulevard
P.O. Box 27306
Raleigh, North Carolina 27611

Saluda River Electric Cooperative,
Inc.
207 Sherwood Drive
Laurens, South Carolina 29360

Mr. Peter K. VanDoorn
Route 2, Box 179N
York, South Carolina 29745

James P. O'Reilly, Regional Administrator
U.S. Nuclear Regulatory Commission,
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Robert Guild, Esq.
314 Pall Mall
Columbia, South Carolina 29201

Palmetto Alliance
2135 1/2 Devine Street
Columbia, South Carolina 29205

CATAWBA NUCLEAR STATION

Request for Additional Information

260.0 Quality Assurance Branch

260.1 Section 17.1.2.2 of the standard format (Regulatory Guide 1.70) requires the identification of safety-related structures, systems, components controlled by the QA program. You are requested to supplement and clarify the Catawba FSAR in accordance with the following:

- a) The following items do not appear on FSAR Table 3.2.1-1, 3.2.1-2, 3.2.2-2, or 3.10-1. Add the appropriate items to the table and provide a commitment that the remaining items are subject to the pertinent requirements of the FSAR QA program or justify not doing so.
1. Station vents (stack)
 2. Chilled water system compression tank
 3. Diesel generator engine fuel oil system engine driven pumps
 4. Diesel generator engine fuel oil system strainers
 5. Diesel generator cooling water system circulation pumps
 6. Diesel generator engine lube oil transfer pumps
 7. Diesel generator engine driven lube oil pumps
 8. Diesel generator lube oil system strainers
 9. Diesel generator lube oil system valves in group 2
 10. Burnable poison rod assemblies
 11. Control rod drive mechanisms
 12. Core support structure
 13. Pressurizer spray nozzles
 14. Steam generator steam flow restrictors

15. RHR pumps, valves, piping (including spray headers) and spray nozzles.
 16. RHR heat exchangers (tube side and shell side)
 17. Diesel generator engine air intake and exhaust system intake filter
 18. Intake silencers for the above system
 19. Exhaust silencers for the above system
 20. Supports for safety-related items
 21. Containment spray system piping, including spray headers
 22. Annulus ventilation system ducting
 23. Containment isolation system valves
 24. Containment air return and hydrogen skimmer system ducting
 25. Auxiliary building ventilation system ducting and dampers
 26. Containment emergency sump debris screen
 27. Onsite power system (class 1E)
 - a) Instrumentation, control, and power cables
 - b) Conduit, cable trays, and their supports containing class 1E cable and those whose failure during a seismic event could damage safety-related items
 - c) Noncontainment cable penetration (fire steps)
 28. DC power systems
 - a) Cables
 - b) Conduit, cable trays, and their supports containing class 1E cable and those whose failure during a seismic event could damage safety-related items
 29. Fuel building radiation monitor
 30. Foundations for
 - a) Electrical conduit ducts (including manholes)
 - b) SNSWP dam discharge structures and outlet works
 - c) Diesel generator buildings
- b) Clarify that the "Nuclear Service Water Structures" shown in Table 3.2.1-1 include:
1. Standby nuclear service water (SNSW) discharge structure
 2. Standby nuclear service water (SNSW) intake structure
 3. Nuclear service water intake (NSW) structure

- c) Provide a commitment that modifications of site and roof drainage systems will be evaluated and accomplished under the pertinent requirements of the operational QA program to ensure against increasing the flood vulnerability of safety-related items.
- d) Provide a commitment that the safety-related instrumentation and controls (I&C) described in Sections 7.1 through 7.6 of the FSAR plus safety-related I&C for safety-related fluid systems will be subject to the pertinent requirements of the FSAR QA program.
- e) Provide a commitment that the recirculation pump for the diesel generator engine fuel oil system as well as the clean and used lube oil tank transfer pumps for the diesel generator lube oil system will be "Seismic Cat. 1" and subject to the pertinent requirements of the FSAR QA program.