



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 8, 1994

Docket Nos: 50-413/414

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

Dear Mr. Rehn:

SUBJECT: NRR REVIEW OF 10 CFR 50.54(P) SUBMITTAL FOR THE CATAWBA  
NUCLEAR STATION

This is in response to your letter of March 4, 1993, which submitted Revision 33 to the Security Plan for the Catawba Nuclear Station under the provisions of 10 CFR 50.54(p). The issue related to the protection features afforded alarm sensors, transmission lines, terminal boxes and cabinets, and computer and annunciator alarm systems is considered a policy issue and was referred to the Office of Nuclear Reactor Regulation (NRR) on May 28, 1993. Because of some concerns identified by NRR, O. Masnyk, NRC RII, discussed the issue with members of your staff at the Catawba Nuclear Station during the week of December 13-17, 1993.

Based on our review of the changes and discussions with your staff, we have determined that section 5.3.1.5 of the revision is not acceptable for inclusion in the security plan. In your Synopsis of Changes for Revision 33, you indicated that you revised the text to clarify section 5.3.1.5 and to add detail to the protection features afforded the computer and annunciator alarm systems, alarm sensors, transmission lines, terminal boxes and cabinet. From our review of the changes, it appears that you deleted part of your previous commitment to 10 CFR 73.55(e)(2), found in section 5.3.1.5, Revision 31.

Section 73.55(e)(2) of 10 CFR Part 73 requires that "All alarm devices including transmission lines to annunciators shall be tamper indicating and self-checking e.g., an automatic indication is provided when failure of the alarm system or a component occurs, or when the system is on standby power. The annunciation of an alarm at the alarm stations shall indicate the type of alarm (e.g., intrusion alarms, emergency exit alarm, etc.) and location." There is no evidence in our records that you have ever requested or been granted an exemption from this requirement, and as discussed above, you are committed to this requirement in your previously approved security plan, section 5.3.1.5, Revision 31. Also, during our review, we noted that this commitment was in section 5.3.1.5 in copies of some of your old revisions, reviewed as far back as Revision 15.

The specific concerns with your clarifications have been discussed with your staff, and we understand from those discussions that you have, in practice, continued to meet 10 CFR 73.55(e)(2) as committed to in your previously

9404140044 940408  
PDR ADDCK 05000413  
F PDR

NRC FILE CENTER COPY

FOI  
40

David L. Rehn

- 2 -

approved security plan. Please continue to follow section 5.3.1.5 of Revision 31. If you have any questions, please call Nancy E. Ervin at (301) 504-2946.

The enclosure to your letter contains Safeguards Information of a type specified in 10 CFR 73.21 and is being withheld from public disclosure.

Sincerely,

Original signed by

Phillip F. McKee, Chief  
Safeguards Branch  
Division of Radiation Safety  
and Safeguards  
Office of Nuclear Reactor Regulation

cc: See next page

Distribution:

- Central Files ✓
- PDR & LPDR ✓
- PSGB r/f
- F. Congel
- E. Butcher
- P. McKee
- L. Bush
- N. Ervin
- E. Koup
- O. Masnyk
- L. Berry
- R. Martin
- D. Matthews

*w/ corrections*

*w/ changes*

|        |          |          |             |            |         |           |
|--------|----------|----------|-------------|------------|---------|-----------|
| Office | PSGB:NRR | PSGB:NRR | BC/PSGB:NRR | PDII-3:NRR | PDII-3  | PDII-3    |
| Name   | NErvin   | LBush    | PMcKee      | LBerry     | RMartin | DMatthews |
| Date   | 3/3/94   | 3/3/94   | 3/3/94      | 3/4/94     | 3/5/94  | 3/5/94    |

G:\Berney\Duke.one

Mr. David L. Rehn  
Duke Power Company

cc:

Mr. Z. L. Taylor  
Regulatory Compliance Manager  
Duke Power Company  
4800 Concord Road  
York, South Carolina 29745

A. V. Carr, Esquire  
Duke Power Company  
422 South Church Street  
Charlotte, North Carolina 28242-0001

J. Michael McGarry, III, Esquire  
Winston and Strawn  
1400 L Street, NW  
Washington, DC 20005

North Carolina Municipal Power  
Agency Number 1  
1427 Meadowood Boulevard  
P. O. Box 29513  
Raleigh, North Carolina 27626-0513

Mr. T. Richard Puryear  
Nuclear Technical Services Manager  
Westinghouse Electric Corporation  
Carolinas District  
2709 Water Ridge Parkway, Suite 430  
Charlotte, North Carolina 28217

County Manager of York County  
York County Courthouse  
York, South Carolina 29745

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

Piedmont Municipal Power Agency  
121 Village Drive  
Greer, South Carolina 29651

Dayne H. Brown, Director  
Division of Radiation Protection  
N.C. Department of Environment,  
Health and Natural Resources  
P. O. Box 27687  
Raleigh, North Carolina 27611-7687

Catawba Nuclear Station

Mr. Marvin Sinkule, Chief  
Project Branch #3  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

North Carolina Electric Membership  
Corporation  
P. O. Box 27306  
Raleigh, North Carolina 27611

Senior Resident Inspector  
Route 2, Box 179 N  
York, South Carolina 29745

Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Max Batavia, Chief  
Bureau of Radiological Health  
South Carolina Department of  
Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Mr. G. A. Copp  
Licensing - EC050  
Duke Power Company  
P. O. Box 1006  
Charlotte, North Carolina 28201-1006

Saluda River Electric  
P. O. Box 929  
Laurens, South Carolina 29360

Ms. Karen E. Long  
Assistant Attorney General  
North Carolina Department of Justice  
P. O. Box 629  
Raleigh, North Carolina 27602

Elaine Wathen, Lead REP Planner  
Division of Emergency Management  
116 West Jones Street  
Raleigh, North Carolina 27603-1335