

NOV 12 1985

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✓ Duke Power Company  
ATTN: Mr. H. B. Tucker, Vice President  
Nuclear Production Department  
422 South Church Street  
Charlotte, NC 28242

Gentlemen:

SUBJECT: INSPECTION OF COMPLIANCE WITH NUREG-0800, STANDARD REVIEW PLAN,  
SECTION 9.5.1, FIRE PROTECTION PROGRAM AND SAFE SHUTDOWN CAPABILITY  
CATAWBA UNIT 2, DOCKET NO. 50-414

This letter is to confirm the dates of December 9 - 13, 1985, for the special inspection of Catawba Unit 2, which were established during the telephone conversation of November 4, 1985, between Mr. R. O. Sharpe, of your staff, and Mr. H. C. Dance of this office.

The purpose of this inspection is to evaluate Catawba Unit 2 for compliance with the fire protection and safe shutdown capability guidelines of the Standard Review Plan, Section 9.5.1. This will be a team type inspection composed of personnel from the NRC Region II office.

In order for us to properly prepare and perform this type of comprehensive and complex inspection, we request that you provide this office with the latest revision to the following additional information by December 2, 1985:

1. Piping and instrumentation (flow) diagrams for hot standby (shutdown) and cold shutdown systems, alternative or dedicated shutdown.
2. Plant layout and equipment location drawings which identify the physical plant locations of hot standby (shutdown) and cold shutdown equipment.
3. Color coded marked-up electrical raceway drawings which identify the cable routing of power and control circuits for those plant systems necessary to achieve and maintain hot standby (shutdown).
4. Single line AC and DC power and control electrical distribution diagrams.
5. Plant layout drawings which identify fire area delineation and fire protection equipment locations.
6. Marked-up plant layout drawings which identify the locations of emergency lighting units.
7. Associated circuit analysis.

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8. Plant Operating Procedures which describe normal hot and cold shutdown from inside the control room, emergency hot and cold shutdown from emergency control stations outside and independent of the control room, and shutdown operations which utilize alternative or dedicated shutdown capability and natural circulation.
9. Fire damage control and repair procedures for cold shutdown systems.

In addition to the information requested above, copies of any other analysis and/or evaluation which demonstrate compliance to Section 9.5.1 of the Standard Review Plan should be available on site for review during this inspection. Appropriate personnel, knowledgeable with respect to those plant systems required for safe shutdown and their capabilities, should be available at the site during this inspection. Also, we request that your staff make the necessary arrangements to permit team members ready access to the radiologically controlled areas of the plant if necessary.

Your cooperation with us during this inspection will be appreciated. Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

VBrownlee for

Roger D. Walker, Director  
Division of Reactor Projects

cc: ✓ R. L. Dick, Vice President -  
Construction  
✓ J. W. Hampton, Station Manager

bcc: ✓ G. Johnson, ELD  
✓ K. N. Jabbour, NRR  
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