



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

FEB 3 1983

Mr. George W. Grier
Corporate Quality Assurance Manager
Duke Power Company
P.O. Box 33189
Charlotte, SC 28242

Dear Mr. Grier:

Subject: NRC Acceptance of Amended Duke Power Company QA Topical Report,
"Quality Assurance Program," Duke-1 (Amendment 6)

Your letter of December 21, 1982 transmitted Amendment 6 to the Duke Power Company (DPC) topical report, Duke-1, "Quality Assurance Program." The December 21, 1982 transmittal superceded the previous Amendment 6 transmitted August 30, 1982. The DPC topical report, through Amendment 5, was previously reviewed and accepted by the NRC for referencing in license applications as indicated in our letter of July 14, 1981. Amendment 6 includes DPC organizational changes and updates the QA program description for plant operation to meet Section 17.2 of Revision 1 of the NRC Standard Review Plan (NUREG-75/087).

Based on our review and evaluation of Amendment 6, we find that the criteria in Appendix B to 10 CFR Part 50 are met. Your amended topical report is therefore acceptable, and you may implement it upon your issuance of the amendment. Should regulatory criteria or regulations change such that our conclusions about this topical report are invalidated, we will notify you. You will be given the opportunity to revise and resubmit it should you so desire.

Please replace our letter of July 14, 1981 and its enclosure with a copy of this letter and its enclosure in your topical report, renumber the report DUKE-1-A (Amendment 6), and transmit 11 copies of the amendment to the NRC. Your submittal should point out the changes by use of a black bar in the margin where a change has been made, and the revision number should be adjacent to the bar. Your transmittal letter should identify the nuclear units to which this revised topical applies.

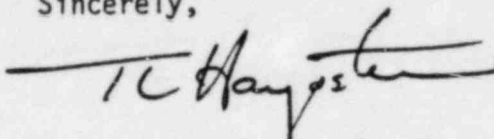
Mr. G. W. Grier

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Should you have any questions regarding our review or if we can provide assistance, please contact Jack Spraul on (301) 492-4530.

Sincerely,

A handwritten signature in black ink, appearing to read "T L Harpster". The signature is written in a cursive style with a horizontal line above the first few letters.

Terry L. Harpster, Chief
Quality Assurance Branch
Division of Quality Assurance,
Safeguards, and Inspection Programs
Office of Inspection and Enforcement

Enclosure:
Topical Report Evaluation

TOPICAL REPORT EVALUATION

Report Number: DUKE-1-A
Report Title: Quality Assurance Program DUKE-1-A (Amendment 6)
Report Date: March 1974, Amended December 1982
Originating Organization: Duke Power Company
Reviewed By: Quality Assurance Branch

SUMMARY OF TOPICAL REPORT

Topical Report DUKE-1-A (Amendment 6) describes the quality assurance (QA) program which the Duke Power Company (DPC) applies to those design, procurement, construction, preoperational testing, and operations phase activities involving safety-related structures, systems, and components of DPC's nuclear power plants. DUKE-1-A (Amendment 6) commits DPC to comply with the requirements of Appendix B to 10 CFR Part 50 and to comply with the Regulatory Position of Regulatory Guides 1.8 (5/77), 1.28 (2/79), 1.30 (8/72), 1.33 (2/78), 1.37(3/73), 1.38 (5/77), 1.39 (9/77), 1.58 (9/80), 1.64 (6/76), 1.74 (2/74), 1.88 (10/76), 1.116 (5/77), 1.123 (7/77), 1.144 (9/80), and 1.146 (8/80).

DPC has provided for our evaluation a detailed organizational description of those individuals and groups involved in carrying out activities required by the QA program and a delineation of duties, responsibilities, and authority of those organizational elements involved in the QA program. DUKE-1-A (Amendment 6) contains a description of the measures used to carry out the DPC QA program activities and describes how applicable requirements of Appendix B to 10 CFR Part 50 will be satisfied by the administration and implementation of these measures.

SUMMARY OF REGULATORY EVALUATION

We have evaluated the QA program and the organizations responsible for QA functions as described in DUKE-1-A (Amendment 6). We find that QA policy and direction originate at an acceptably high management level and are effectively communicated to other parts of the organization. Those performing QA functions have responsibility and authority commensurate with their duties in implementing the QA program. We also find that measures have been established, to be implemented by written procedures and instructions, which address each of the criteria of Appendix B to 10 CFR Part 50 in an acceptable manner.

Based on our review and evaluation of DUKE-1-A (Amendment 6), we conclude that:

1. The organizations and persons performing QA functions within DPC have the required independence and authority to effectively carry out the QA program without undue influence from those directly responsible for costs and schedules.
2. The DPC QA program contains the necessary requirements, procedures, and controls which, when properly implemented, comply with the requirements of Appendix B to 10 CFR Part 50 and applicable regulatory guides and ANSI standards contained in Sections 17.1 and 17.2 of the NRC Standard Review Plan.

REGULATORY POSITION

It is the staff's position that the DPC topical report, DUKE-1-A (Amendment 6), "Quality Assurance Program" is acceptable for use in the design, procurement, construction, preoperational testing, and operations phase activities of DPC's nuclear power plants. The topical report can be referenced in Sections 17.1 and 17.2 of Safety Analysis Reports.