



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 132 TO FACILITY OPERATING LICENSE NPF-9
AND AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE NPF-17
DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION, UNITS 1 AND 2
DOCKET NOS. 50-369 AND 50-370

1.0 INTRODUCTION

By letter dated January 8, 1992, as supplemented February 13, 1992, the Duke Power Company (the licensee) submitted a request for changes to the McGuire Nuclear Station, Units 1 and 2, Technical Specifications (TS). The requested changes would reflect a reorganization of the Duke Power Company (DPC) and changes to the DPC Quality Assurance Report. The reorganization decentralizes the DPC corporate management of nuclear activities and relocates these resources to each of the DPC nuclear stations, including the McGuire Nuclear Station. The following is the NRC staff's evaluation of the requested changes.

2.0 EVALUATION

2.1 Administrative Controls

- a. Section 6.1.2 - Responsibility - The title of Vice President, Nuclear has been replaced by the title Vice President, McGuire Nuclear Site, and the organizational unit Nuclear Production Department has been replaced by McGuire Nuclear Site.

We find these changes acceptable as they reflect the revised organization and reassignment of responsibilities.

- b. Section 6.2.1 - Organization - Offsite - The licensee has deleted the description of the offsite organization by reference to FSAR Chapter 13. The new description is consistent with that described in Generic Letter 88-06, Removal of Organization Charts From Technical Specification Administrative Control Requirements. Within that description, the Station Manager shall be responsible for overall unit safety, the Vice President of McGuire Site shall have responsibility for overall plant nuclear safety, and the Senior Vice President Nuclear Generation Department shall have corporate responsibility for overall nuclear safety.

We find this change acceptable as it reflects the revised organization and reassignment of responsibilities, and conforms to Generic Letter 88-06.

- c. Section 6.2.2 - Organization - Unit Staff - The title Health Physics Technical has been replaced by the title Radiation Protection Technician. In addition, in Table 6.2.1 the title Shift Manager has replaced the title Shift Technical Advisor (STA).

We find these changes acceptable as they reflect the revised organization and the function of the STA has been retained in the new position of Shift Manager.

- d. Section 6.2.3 - McGuire Safety Review Group - The acronym for the McGuire Safety Review Group has been changed to SRG. In addition, the composition of the SRG has been revised to provide more flexibility of backgrounds of members while maintaining the minimum qualification requirements, and the title of Manager, Nuclear Safety Assurance has been changed to Manager of Safety Assurance.

We find these changes acceptable as they reflect the revised organization and reassignment of responsibilities, and the changed qualification requirements meet the appropriate acceptance criteria of Section 13.4 of NUREG-0800, the Standard Review Plan.

- e. Section 6.2.4 - Shift Technical Advisor - As stated in c. above, the new position of Shift Manager has been created that subsumes the functions of the STA. Therefore, in this section, the title of STA has been replaced by the Shift Manager.

We find this change acceptable as the function of the STA is retained.

- f. Section 6.4 - Training - The responsibility for the training program has been reassigned from the Station Manager to the Training Manger.

We find this change acceptable as it reflects the revised organization and the reassignment of responsibilities.

- g. Section 6.5.1 - Technical Review and Control - The approval authority for proposed modifications to unit nuclear safety-related structures, systems, and components, and proposed tests or experiments which affect nuclear safety have been revised to conform to the revised organization. The titles Station Manager, Corporate System Health Physicist, and Vice President, Nuclear Production have been replaced to reflect the revised organization and the reassignment of responsibilities.

We find these changes acceptable as they reflect the revised organization and the reassignment of responsibilities. The change in approval authority meets the appropriate acceptance criteria of Section 13.5.1 of NUREG-0800, the Standard Review Plan.

- h. Section 6.5.2 - Nuclear Safety Review Board (NSRB) - The titles Vice President, Nuclear Production, Nuclear Production Department, Quality Assurance Department, Executive Vice President, Engineering, Construction, and Production have been replaced to reflect the revised organization. In Subsection 6.5.2.2 the qualification requirements for NSRB members has been revised to allow, in special cases, an individual with ten years experience in a specific technical area. In Subsection 6.5.2.9, Audits, the licensee has relocated the audit frequency from the audits required by this subsection. Audit frequency requirements are now addressed in the Duke Quality Assurance Topical and are performance-based on the safety significance and extent of the activities except those for the Emergency and Security Plans as discussed below.

We find these changes acceptable as they reflect the revised organization and reassignment of responsibilities, the appropriate acceptance criteria of Section 13.4 of NUREG-0800, the Standard Review Plan, and the commitment to performance-based audits in their revised Quality Assurance Topical Report, a document controlled in accordance with 50.54(a).

- i. Section 6.6 - Reportable Event Action - The titles in this section have been revised to reflect the new titles in the revised organization.

We find these changes acceptable as they reflect the revised organization.

- j. Section 6.7 - Safety Limit Violation - The titles in this section have been revised to reflect the new titles in the revised organization.

We find these changes acceptable as they reflect the revised organization.

- k. Section 6.8 - Procedures and Programs - The approval authority for procedures and temporary changes to procedures has been revised by deleting specific titles and specifying a predesignated level of management.

We find this change acceptable as it meets the appropriate acceptance criteria of Section 13.5.1 of NUREG-0800, the Standard Review Plan.

2.2 Security and Emergency Plan

The requirements in TS 6.5.1.8 for review of the security program and implementing procedures and in TS 6.5.1.9 for review of the station emergency plan and implementing procedures are removed from the TS and are relocated to the respective security and emergency plans. Once they are included in the respective plans, further changes in these review requirements must be made in accordance with 10 CFR 50.54(p) for the security plan and with 10 CFR 50.54(q) for the emergency plan. The NRC staff concludes that, in conjunction with this change to the plans, the extensive requirements for emergency planning in 10 CFR 50.47 and 50.54 and for security in 10 CFR 50.54 and 73.55 for drills, exercises, testing and the maintenance of the programs provides adequate assurance that the objective of the previous TS 6.5.1.8 and TS 6.5.1.9 for a periodic review of the programs and changes to the programs will be met. Therefore, this change is acceptable.

The requirements of TS 6.5.2.9.e and .f for an audit on a twelve month frequency by the corporate Nuclear Safety Review Board (NSRB) of the emergency and security plans and implementing procedures is modified by deleting the specification of the twelve month frequency. This results in no change in this regulatory requirement since the frequency of such independently conducted reviews is also specified in 10 CFR 50.54(t) for the emergency plan, in 10 CFR 50.54(p)(3) for the safeguards contingency plan and in 10 CFR 73.55(g)(4) for the security program. Therefore, this change is acceptable.

The requirements of TS 6.8.1.c and .d for procedures for security and emergency plan implementation are removed from the TS and are relocated to those plans. The requirement of TS 6.8.1.c for the security plan is in effect also contained in 10 CFR 50.54(p)(1) for the safeguards contingency plan, and in 10 CFR 73.55(b)(3) for the security plan. The requirement of TS 6.8.1.d for the emergency plan is in effect also contained in 10 CFR 50.47(b)(5) and in 10 CFR 50.54(q), Appendix E, parts IV.G and V for the emergency plan. This change is acceptable.

We find the above changes to the Administrative Controls Section of the Technical Specifications, as described in the DPC letter dated January 8, 1992, and as revised by letter dated February 13, 1992, acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the North Carolina State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments relate to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: F. Allenspach, LPEB
R. Martin, PDII-3

Date: June 2, 1992