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

JUN 11 1979

SGPL:RFS
70-2623

Duke Power Company
ATTN: Mr. William Parker, Jr.
Vice President, Steam Production
Power Building
422 South Church Street
Charlotte, North Carolina 28242

Gentlemen:

We have completed our review of the McGuire Nuclear Station Spent Fuel Storage Physical Security and Interim Safeguards Contingency Plans for Unit I Fuel Storage Building transmitted to us by your letter of April 13, 1979. On the basis of this review, we have identified a number of requirements of 10 CFR 73.50 which are not adequately addressed in these submissions. Accordingly, your plans are not approved.

The enclosure to this letter contains comments relative to these plans. Please revise your plans in accordance with these comments and the guidance documents identified below for our further review.

Members of my staff are available to discuss any questions you may have relative to either the regulatory requirements or the comments contained in the enclosure.

Regulatory Guides 5.52 and 5.55 are being sent to you under separate cover for your guidance in making appropriate submissions. Please note that a Contingency Plan conforming to the guidance of Regulatory Guide 5.55 relieves you from duplicating that information in the Physical Protection Plan. Accordingly, Chapter 9 of the Physical Protection Plan should contain only that information which is not required in the Contingency Plan.

We have determined that the attachment to your letter dated April 13, 1979 contains information of a type specified in 10 CFR 2.790(d). Accordingly, it is deemed to be commercial or financial information within the meaning of 10 CFR 9.5(a)(4) and shall be subject to disclosure only in accordance with the provisions of 10 CFR 9.12.

Sincerely,

George W. McCorkle, Chief
Physical Security Licensing Branch

Enclosure:
As stated

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COMMENTS UPON PHYSICAL SECURITY
AND SECURITY CONTINGENCY PLANS

Physical Protection Plan

1. Site and Facility Description

Drawings or sketches in sufficient detail to clearly identify barriers, roads, buildings, etc., pertinent to the protection of the spent reactor fuel should be furnished. Details identifying local law enforcement agencies and site alarm stations are also required.

2. Design Criteria

This chapter of the plan must contain the specific details set forth by sections of the Regulatory Guide. Your attention is directed particularly to the requirement for double barriers (Section 2.2.1). Please note, however, that the sections dealing with MAAs do not apply to your facility.

3. Quality Assurance

This chapter should identify the quality assurance program measures that are applied to the physical protection system.

4. Security Organization

Clarify the roles and authority of the station security officer, steam production security officer and assistant security officer. Identify those positions authorized to contact the LLEA in case of a security contingency.

5. Protected Areas

Provide drawings or sketches to clearly indicate position of all barriers in both interior and exterior locations. These documents should include areas designated as clear and isolation zones. Describe in detail the design features of barriers.

6. Access Controls

Provide greater detail on the following subjects; badge system, access authorization procedures, personnel and vehicle escort procedures. Describe the lock/card key system in greater detail, to include specific types of systems and controls instituted for the system.

7. Intrusion And Detection Devices

Provide specific descriptive information and drawings or sketches of the location of intrusion detection equipment. Describe the emergency power system provided for the alarm system.

Physical Protection Plan (continued)

8. Central Alarm And Communication System

Provide a detailed description and drawings or sketches indicating location of both the CAS and SAS. The description of these facilities should include specific information on staffing, alarm annunciation equipment construction, on-site and off-site communications, and any special features.

9. Response to Security Contingencies

Sections of this chapter of the guide which are not addressed in the Contingency Plan viz 9.1.3, 9.2.1, 9.2.2 should appear in this chapter of the Physical Protection Plan.

10. Local Law Enforcement Authorities

Include in this section a comprehensive review of the jurisdictions which will respond to your station including the type of assistance, size of response forces, equipment, and response times projected. Describe the specific arrangements agreed upon by these departments.

11. Reports to the NRC

Describe the system by which the required reporting of security information to NRC will be assured.

Safeguards Contingency Plan

Your submission should be revised to include changes to the following sections:

- Section 1.3.1 Add hostage and extortion events.
- Section 1.6 Revise to make clear that this refers to administrative implementation. (10 CFR 73.40(b) stipulates the date of effectivity.)
- Section 2.1 Revise this section to clearly reflect the intent of 10 CFR Part 73.50(G).
- Section 2.2 Revise each event to identify the "next step" and its required information. This title should be inserted following the section "decision/actions." Also revise the "decision/action" section to include notification of the NRC for all nonroutine security events.

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Safeguards Contingency Plan (continued)

- Section 3.1 Clarify who has authority to request off-site LLEA assistance.
- Section 3.3.2 Revise this statement to read that alarm equipment shall meet the performance requirements of GSA interim federal specification W-A-00450-B.
- Section 3.5.2 This statement should be rewritten to contain the following words "excluding guards and security personnel."
- Section 4.0 This section should be revised to identify the relationships between operational elements as the decision/action sequence progresses from event identification to objective attainment. Assign the proper functions and responsibilities to each individual and avoid duplicating these tasks.