



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report No. 50-369/80-19

Licensee: Duke Power Company  
422 South Church Street  
Charlotte, NC 28242

Facility Name: McGuire Unit 1

Docket No. 50-369

License No. CPPR-83

Inspection at McGuire Site, Cornelius, North Carolina

Inspector: <u>D. J. Senzeli</u>	<u>7/5/80</u>
<u>W.L. Andrews</u>	Date Signed
Approved by: <u>G.R. Jenkins</u>	<u>7/9/80</u>
G.R. Jenkins, Section Chief, FFMS Branch	Date Signed

SUMMARY

Inspection on June 16-20, 1980

Areas Inspected:

This routine, announced, preoperational inspection involved 20 inspector-hours on site in the area of Coordination with Offsite Support Agencies.

Results

No items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- M.D. McIntosh, Plant Manager
- \*T.L. McConnell, Superintendent Technical Services
- \*T.J. Keane, Station Health Physicist
- \*M.D. Glover, Emergency Plan Coordinator
- \*D. Lampke, Junior Engineer Licensing
- \*S. Foreman, Health Physicist

#### Other Organizations

- F.M. Rinker, Associate Director, Charlotte Memorial Hospital
- W. Poot, Hospital Physicist, Charlotte Memorial Hospital
- W.L. Wilson, Director, North Mecklenberg Ambulance Service
- E. Neumann, Assistant Director, Gaston Memorial Hospital
- A. Baker, Director of Emergency Programs, Gaston Memorial Hospital
- Dr. H. Jarvis, Radiologist, Gaston Memorial Hospital
- Lt. Col. Bundy, Air Commander, North Carolina Air National Guard
- C. W. O. Winder, Emergency Officer, North Carolina, Air National Guard
- J. Myers, Regional Coordinator, North Carolina Civil Preparedness Agency
- R. Willis, Director, Lincoln County Civil Preparedness Agency
- D. Yount, Director, Catawaba County Civil Preparedness Agency
- R. Phillips, Director, Gaston County Civil Preparedness Agency
- J. Fleming, Director, Iredell County Civil Preparedness Agency

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on June 20, 1980, with those persons indicated in paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Coordination with Offsite Support Agencies

This area was reviewed with respect to requirements of 10CFR 50, Appendix E, Section IV, licensee's commitments in Section 4.4 and Appendix 9.0 of the

McGuire Emergency Plan, and open items identified during a previous inspection (50-369/78-24-01). The inspector discussed coordination with offsite agencies with licensee representatives and met with the individuals listed in Paragraph 1.b above to discuss emergency planning coordination. The following is a summary of those meetings.

- a. Charlotte Memorial Hospital-The inspector and a licensee representative met with the Associate Director and the Hospital Physicist on June 17, 1980. A radioactive contamination emergency plan had been prepared and a copy was furnished to the inspector but it was noted by hospital personnel that the plan was being revised at the present time and should be completed in the near future. Licensee representatives have agreed to assist hospital personnel by providing equipment, supplies and additional training as required to complete emergency plan arrangements. The inspector noted that the agreement letter between the licensee and the hospital was dated Aug. 9, 1972 and, although the licensee has maintained periodic contact with hospital personnel, the letter should be up-dated to reflect services to be provided by the hospital. An emergency exercise is planned by the licensee within the next few months and the hospital will be included as a participant.
  
- b. Gaston Memorial Hospital- During discussion among the inspector, a licensee representative, the Assistant Director of the hospital, the Radiologist and the Director of Emergency Programs, it was determined that although the licensee had made several contacts with hospital administrative personnel and had a letter of agreement dated September 12, 1974, none of those present were aware of any provisions for treatment of radioactively contaminated patients from the McGuire station. The Radiologist expressed concern that the hospital had the capability to deal with the type of accidents envisioned by the licensee. The Director of Emergency Programs stated that she had attended a one day seminar on the treatment of contaminated injuries but did not feel that she had gained enough background to adequately develop an emergency plan for the hospital. The Radiologist doubted that the hospital's emergency room staff could be trained in a reasonable time to adequately deal with contamination and further expressed concern that the emergency room was designed so that contaminated patients could be treated without losing capability for dealing with other emergencies. Although the licensee has offered any assistance that might be needed in the areas of equipment, supplies and training, the licensee is currently considering eliminating the hospital as a back-up facility from the McGuire Emergency Plan due to the unresponsiveness of the staff. The Assistant Director stated that the Director, who had signed the original letter of agreement, was on leave and that he would discuss the problem with him upon his return from leave in about three weeks. The inspector stated at the exit interview on June 20, 1980, that due to the large size and inherent capability of Charlotte Memorial Hospital he did not feel that deleting Gaston Memorial Hospital from the Emergency Plan would significantly decrease the level of emergency preparedness from the standpoint of offsite medical treatment facilities.

- c. North Mecklenberg Ambulance Service-The inspector and a licensee representative met with the Director to discuss transportation of possible contaminated injured persons from the plant site to a designated hospital. The Director noted that his personnel had toured the plant site and had recently received training in handling contaminated patients. The letter of agreement was up to date and the Director was satisfied that he understood his role in an emergency at the McGuire facility. It was determined that due to legal considerations the ambulance services would be used to transport any injured personnel rather than the Rescue Squad except in immediate life threatening situations. Although the licensee has a current letter of agreement the inspector decided not to contact the North Mecklenburg Rescue Squad. The inspector had no further questions in the above area.
  
- d. North Carolina Air National Guard-The inspector and a licensee representative toured the Air National Guard Emergency Center and discussed emergency response with the Air Commander and the Emergency Officer. In an emergency the Air National Guard would be directed by the Governor and is considered a state agency, thus no letter of agreement exists directly between the Air National Guard and the McGuire facility, rather an agreement exists between the State and Duke Power Company for emergency assistance. It was pointed out that the Emergency Center has full hardened Emergency Operations Center capability including redundant communications with State and Federal agencies, complete meteorological information system including local instrumentation at the center and both local and area forecast capability, air transportable emergency teams with complete anti-contamination equipment including self contained breathing apparatus and survey instruments, and a medical staff of 21 nurses and 46 medical technicians, trained in handling radioactively contaminated casualties, which can be mobilized and dispatched within 2-4 hours. The state has tentative plans to locate their emergency operational center at the Air National Guard facility. The inspector had no further questions in the above area.
  
- e. State and County Preparedness Agencies-The inspector and a licensee representative toured the five county Emergency Operations Centers which have responsibilities within the 10 mile Emergency Planning Zone around the McGuire Site. Discussions were held with each Director and with the state Regional Coordinator concerning the agencies' role in an emergency at McGuire. It was determined that due to extensive revisions in the North Carolina State Emergency Response Plan none of the five counties have revised plans for dealing with radiation emergencies as defined by new criteria promulgated in NUREG 0654/REP-1 by the NRC and FEMA. All the directors felt that their existing plans and agreements with the licensee were adequate to cope with potential radiation emergencies. The inspector identified one deficiency concerning adequate communications to the offsite centers. Licensee management representatives stated that a new radio system is in the process of being procured and installed at all offsite Emergency Operations Centers which will provide redundant direct communications with each facility.

- f. Other Offsite Agencies-The inspector discussed training and coordination, including updating agreement letters, with the two local Volunteer Fire Departments, the Mecklenberg County Health Department and the DOE Savannah River Operation Office. Licensee representatives stated that the training for the two Volunteer Fire Departments was planned and should be completed shortly. In addition, the inspector discussed law enforcement and traffic control agencies and assistance in traffic control on Lake Norman. Licensee representatives stated that law enforcement and traffic control would be handled by the North Carolina State Police under the agreement with the state and that Lake Norman traffic would be handled near the site by the licensee's environmental boat and away from the site by the Marine Police, also dispatched by the state. The inspector stated that it was important for clarity that all assistance to be provided by offsite agencies be identified in the agreements so that there would be no misunderstandings concerning the extent of assistance required by the site in an emergency. The inspector stated that the general area of coordination with offsite support agencies would remain open until all offsite agreements had been updated and all required training completed.