



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

Report Nos. 50-321/79-20 and 50-366/79-25

Licensee: Georgia Power Company
270 Peachtree Street
Atlanta, Georgia 30303

Facility Name: Hatch Units 1 and 2

Docket Nos. 50-321 and 50-366

License Nos. DPR-57 and NPF-5

Inspection at Hatch Nuclear Plant near Baxley, Georgia

Inspector: D. J. Perrotti 8/7/79
D. J. Perrotti Date Signed

Accompanying Personnel: J. R. Allen

Approved by: David M. Montgomery for 8/7/79
J. W. Hufham, Section Chief, FF&MS Branch Date Signed

SUMMARY

Inspection on July 9-13, 1979

Areas Inspected

This routine unannounced inspection involved 32 inspector-hours onsite in the areas of coordination with offsite support agencies, emergency equipment, facilities and procedures, organization and training, and followup on previously identified items.

Results

Of the six areas inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

*M. Manry, Plant Manager
*C. Belflower, Quality Assurance Site Supervisor
*W. Thigpen, Quality Assurance Field Representative
*W. Rodgers, Health Physicist, Radiochemist
*D. Moore, Training Supervisor
*B. Brown, Senior Regulatory Specialist
*G. Spell, Jr., Senior Quality Assurance Field Representative
T. Collins, Health Physics Supervisor
G. Brantley, Shift Foreman
E. McKinney, Shift Foreman
D. Smith, Lab Supervisor

Other licensee employees contacted included one technician, one operator, and one office personnel.

Other Organizations

J. Lightsey, Sheriff, Appling County
L. Ford, Chief, Baxley Fire Department
C. Burch, Chief, Vidalia Fire Department
D. Crummy, Director, Appling County Civil Defense
J. Crews, Administrator, Appling General Hospital
J. Johnson, Director of Nursing, Appling General Hospital
J. Woods, Supervisor, Appling Ambulance Service
R. Widener, Director, Toombs County Civil Defense
R. DeJarnette, M.D., Company Physician
F. Rocco, Radiation Management Corporation
S. Koffler, Radiation Management Corporation

NRC Resident Inspector

R. F. Rogers

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on July 13, 1979 with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

(Closed) Deviation (50-321/78-22-01) Operator Review of Emergency Procedures. The inspector reviewed the corrective action stated in Georgia Power Company letter dated August 11, 1978. This matter is closed (Paragraph 7).

(Closed) Unresolved Matter (50-321/78-22-02) Site Orientation Training For Offsite Fire Support Agencies. Training for the Baxley and Vidalia Fire Departments has been completed. This matter is closed.

(Closed) Infraction (50-321/78-22-03) Failure To Follow Fire Protection Procedures. The inspector reviewed the corrective action stated in Georgia Power Company letter dated August 11, 1978. This matter is closed (Paragraph 8).

4. Unresolved Items

There were no unresolved items disclosed during this inspection.

5. Coordination With Offsite Support Agencies

- a. The inspector discussed the coordination with offsite support agencies with licensee representatives, and verified, by review, that letters of agreement had been updated within the past two years with the principal offsite support agencies as required by Appendix C of the Hatch Emergency Plan. To complete the verification of coordination with offsite support groups, the inspector met with representatives of the principal offsite support agencies identified in Paragraph 1. The following paragraphs are the results of those contacts.

Sheriff, Appling County

The inspector met with Mr. J. Lightsey, Sheriff, Appling County on July 11, 1979. Mr. Lightsey said he was satisfied with the arrangement between the Hatch plant and the sheriff's office and that his office takes part in the annual drills. The inspector asked about updating the letter of agreement. Mr. Lightsey stated that he had just recently received the renewal letter and had not had time to look it over. However, Mr. Lightsey said that he anticipated no problems and that he would probably sign the letter and mail it back this week.

Baxley Fire Department

The inspector met with Mr. L. Ford, Chief of the Baxley Fire Department on July 11, 1979. Mr. Ford stated that the licensee has maintained good contact with the Baxley Fire Department. Mr. Ford stated that annual training has been provided, consisting of a lecture series at the firehouse and onsite orientation at the Hatch plant. The fire chief stated that he would like more indepth training in radiation safety, and appeared to be very enthusiastic about having a coordinated fire drill at the site. The inspector asked about the fire departments equipment with regard to compatibility with the site fire equipment. Mr. Ford stated that a check for compatibility had been done once when the fire company's equipment was on site.

Vidalia Fire Department

The inspector met with Mr. C. Burch, Chief of Vidalia Fire Department on July 11, 1979. Mr. Burch stated that he was satisfied with the arrangement between the licensee and the Vidalia Fire Department. Mr. Burch stated that the licensee had maintained contact and had provided training and a site orientation during the past year.

Appling County Civil Defense

The inspector met with Mr. D. Crummy, Director of Civil Defense in Appling County on July 12, 1979. Mr. Crummy stated that he frequently meets with licensee representatives to discuss emergency preparedness. Mr. Crummy stated that he conducts drills in the county on a monthly basis and takes part in the site annual drill. Mr. Crummy explained that the county emergency evacuation plan was being updated to include a 10 mile radius of the plant, and as such would now include parts of Jeff Davis and Tattnell counties, including the city of Glenville. The inspector informed a licensee representative that this matter would be looked into during a subsequent inspection. During the meeting with Mr. Crummy, the inspector witnessed a test of the communication link between Appling and Toombs counties. The test resulted in a rapid, clear contact with the Toombs county Civil Defense Director, through the Toombs county Sheriffs office.

Appling General Hospital, Baxley, Georgia

The inspector met with the Administrator and Director of Nursing of Appling General Hospital on July 12, 1979. The inspector discussed the recent drill and training provided by Radiation Management Corporation (RMC) and inspected the emergency treatment area (ETR), radiation survey instruments, and the RMC decontamination kits. The only major problem encountered during the drill was the overflow of simulated contaminated water from the liquid waste container onto the floor of the emergency treatment room. The hospital engineer explained that this was corrected by placing 55-gallon steel drums outside the ETR with a hose running from the drain on the washdown table to the drum. The hospital engineer stated that the procedure called for Hatch plant personnel to secure the drums and transport any contaminated water back to the plant.

The inspector asked if there had been any problems stemming from the notification procedure problem that occurred during a personnel injury emergency approximately eighteen months ago. The inspector was informed by the Administrator and Director of Nursing that there have been no problem since the emergency. The inspector contacted by telephone, representatives of RMC, identified in Paragraph 1, to confirm the outcome of the drill and training at Appling General Hospital. The inspector was informed that the drill went very well and that training was provided for 60 licensee personnel at the plant and 11 medical personnel at the hospital. It was explained that the entire drill is

video-taped, then used during the drill critique to point out weaknesses and recommend corrective actions.

Appling Ambulance Service

The inspector spoke briefly with the Supervisor of the Appling Ambulance Service which is located on the hospital grounds. The inspector was informed that the ambulance service consisted of one supervisor and six emergency medical technicians. The inspector asked about response time. The supervisor stated that it would take about 12 minutes to reach the site. The supervisor acknowledged the signing of a letter of agreement within the past six months and stated that he was satisfied with the arrangement between the licensee and Appling Ambulance Service.

Toombs County Civil Defense

The inspector met with Mr. R. Widener, Director of Civil Defense in Toombs County on July 12, 1979. Mr. Widener stated that he was satisfied with the arrangement with the licensee, and that the licensee had maintained frequent contact with his office. The inspector asked about revision of the county emergency evacuation plan to include a 10 mile radius of the plant. The inspector was informed that the county plan which was last revised on March 7, 1979, would incorporate evacuation out to 10 miles from the site.

R. DeJarnett, M.D.

The inspector contacted Dr. DeJarnette by telephone on July 12, 1979. Dr. DeJarnette stated that he has been under contract as company physician for the past several years. Dr. DeJarnette maintains a clinic and is affiliated with Meadows Memorial Hospital, both of which are in Vidalia, Georgia. Dr. DeJarnette stated that he attended the Brookhaven National Lab course on handling of radiation patients in 1972 and that the licensee has maintained good contact with him. During a subsequent discussion with a licensee representative the inspector asked about the need for using Meadows Memorial Hospital for treatment of a contaminated, injured individual. The inspector was informed that this was being looked into. The inspector informed the licensee representative that this would be followed during a subsequent inspection.

- b. In the area of coordination with offsite support groups there were no items of noncompliance or deviations.

6. Facilities, Equipment and Procedures

a. Emergency Kits

Procedure HNP-1-4400 specifies the location and contents of the various emergency kits and requires a semiannual inventory. The inspector verified, by review, the contents of the control room kit, including

the calibration stickers on the portable survey instruments. The inspector verified, by review of completed HNP-1-4400 data sheets, that inventory of all emergency kits had been done during June of 1978 and January and June of 1979.

b. Main Control Room Environmental System (MCRE)

The inspector verified, by review of surveillance test procedure records, that the MCRE system monthly operability test, the quarterly isolation valve test, monthly functional test and quarterly calibration of the control room air intake radiation monitors, and quarterly operability test and calibration of the control room chlorine monitors had been performed in accordance with Technical Specifications during the previous 12 months.

c. Emergency Lighting

The inspector verified, by review of surveillance procedure HNP-1-3076, that the weekly test of the control room lights had been performed during the period May 1978 - May 1979.

d. Emergency Communications

The inspector verified, by observation and discussion with licensee employees, that the communication systems listed in Section II of the Emergency Plan were available for use. The inspector also reviewed the direct line phone to IE:HQ in Bethesda, Maryland. The inspector witnessed a successful test of the emergency alarms on Wednesday morning, and verified, by review of HNP-1-3078, that the alarms have been tested weekly, as required, since the last emergency planning inspection.

e. Remote Shutdown Panel

The inspector reviewed the Unit 1 remote shutdown panel, and verified, by observation, the availability of readouts for reactor water level and pressure and manual controls for the steam relief valves as required by Emergency Implementing Procedure, EIP-4100. The inspector also verified that current Emergency Operating Procedures (EOP), HNP-1908, 1113, 1114, and 1125 were available at the panel.

f. Respiratory Equipment

The inspector verified, by review of selected self-contained breathing apparatus (SCBA) that the respiratory equipment in the control room was available and had been inspected monthly as required by procedure HNP-1-8010. The inspector also verified the full-tank pressure on the spare air cylinders in the control room. The inspector noted that the CHEMOX respirators in use last year had been replaced by SCBAs.

g. First Aid Room and Decontamination Facilities

The inspector verified, by review, that the licensee has provided and maintained a first aid room and decontamination facility as specified in Appendix B, Section I of the Emergency Plan. The inspector asked about the availability and use of chemical decontamination agents. The inspector was informed that written procedures were available covering the use of decontamination agents and that chemicals are available as needed. The inspector verified this by review of procedure HNP-1-8006 and through discussions with licensee employees and observations of the first aid room cabinet which is kept under lock and key. The inspector asked about the replenishing of first aid supplies used routinely by plant personnel. The inspector was informed that the Health and Safety Advisor stocked the first aid supplies as needed. The inspector examined the first aid kit in the medical room and found it complete.

h. Means For Determining A Release

The inspector reviewed the instrument panels in the control room and verified, by observation, that readouts for effluent radiation levels and meteorological data were available and operable as specified by Appendix A of the Emergency Plan.

i. Implementing Procedures

The inspector reviewed the emergency procedures and call list in the control room to insure they were current. This was verified by checking the controlled document list in the records vault. The emergency call list was checked through telephone calls to various local agencies. Of those checked, one number, the home phone for Appling County Civil Defense, was incorrect. This was brought to the attention of the Chemistry and Health Physics Supervisor.

In the area of equipment, facilities and procedures, there were no items of noncompliance or deviations.

7. Emergency Plan Training

The inspector reviewed selected training records from various groups in the plant, including general employees, personnel assigned as Emergency Duty Officer, first aid team, radiological emergency team members, contractors, and offsite rescue and medical support personnel. These records verified that the emergency training during the period June 1978 to June 1979 was conducted in accordance with the site Emergency Plan. In addition, the inspector reviewed operations personnel records and records of training conducted for offsite fire support personnel. The verification of this training closes out items 78-22-01 and 78-22-02, respectively.

There were no items of noncompliance or deviations.

8. Fire Protection/Prevention

a. Fire Brigade

The inspector reviewed fire training records and operations personnel shift schedules which verified that at least five fire brigade members are on site at all times as required by Technical Specification 6.2.2.f. Review of the training records verified that fire brigade members received quarterly training in accordance with Technical Specification 6.4.2. This verification closes out item 78-22-03.

b. Fire Panel Test

As a followup to part B of item 78-22-03, the inspector reviewed selected surveillance records which verified that the fire panel test had been conducted daily as required by HNP-1-1050.

c. There were no items of noncompliance or deviations in the area of fire protection/prevention.

9. Emergency Drills

The inspector verified, by review of drill critique and conversations with licensee employees, offsite support groups and RMC representatives, that an emergency drill involving a simulated radiation injury had been conducted in May 1979. The drill was observed by licensee employees and monitored and critiqued by RMC personnel. There were no major deficiencies experienced during the drill. The inspector was informed that the annual site radiation emergency drill would be conducted later on this year. The inspector requested that the NRC Region II office be notified in advance of the time and date of the drill. A licensee employee agreed to do this.

In the area of emergency drills, there were no items of noncompliance or deviations.

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