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

Docket Nos.: 50-424/83-10 and 50-425/83-10

Licensee: Georgia Power Company
P.O. Box 4545
Atlanta, Georgia 30302

Facility Name: A. W. Vogtle 1 & 2

Docket Nos. 50-424, 50-425

License Nos.: CPPR 108 & 109

Inspection at Vogtle site near Waynesboro, Georgia

Inspector: John F. Rogge for 6/17/83
W. F. Sanders Date Signed

Approved by: H C Dance/fr 6/20/83
V. L. Brownlee, Chief Date Signed
Project Section 2B
Division of Project and
Resident Programs

SUMMARY

Inspection Dates April 13 through May 10, 1983

Areas Inspected

This routine unannounced inspection involved 152 resident inspector-hours on site in the areas of primary containment, lifting and setting primary dome, welding primary coolant pipe, concrete pouring, stored in place equipment, material laydown areas, and piping fabrication.

Results

Of the 7 areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

*R. W. McManus - Manager Quality Control
*E. D. Groover - Q. A. Site Manager
*C. Sarver - Sr. Quality Assurance Engineer
*W. C. Lyon - Inspection Supervisor
*T. L. Weatherspoon - Assistant Manager Quality Control

Bechtel Power Corporation
*W. G. Uhouse - Resident Engineer (N) Stamp

Westinghouse Electric Company
*D. Wieland - Site Manager

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 10, 1983, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings listed below.

(Open) Unresolved Item 424, 425/83-10-01 "RHR Pumps Transition Surfaces".

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve violations or deviations. A new unresolved item was identified during this inspection and is discussed in paragraph 7.

5. Construction Inspection

Periodic inspections were made throughout this reporting period in the form of general type inspections in different areas of both facilities. The areas were selected on the basis of the scheduled activities and were varied to provide wide coverage. Observations were made of activities in progress to note defective items or items of noncompliance with the required codes and regulatory requirements. On these inspections, particular note was made of the presence of quality control inspectors, supervisors and quality

control evidence in the form of available process sheets, drawings, material identification, material protection, performance of tests and housekeeping.

Interviews were made with craft personnel, supervisors, coordinators, quality control inspectors, and others as they were available in the work areas.

General observations were made in the following areas:

a. Primary containment

b. Control building

c. Auxiliary building

d. Piping and support fabrication shop

e. Rad waste

f. Pipe laydown area of material storage areas

g. Housekeeping

6. Lifting & Setting of Containment Dome

The lifting and setting of the Primary Containment Steel Dome for Unit 1 was completed without any apparent problems. The activities for this operation were started with the load testing of the equipment and rigging (Report No. 83-08) and a preliminary lift of the dome of 8" to 12" to inspect levelness, orientation and uniform loading of the cables prior to making the main lift. The actual lift was started at 5:30 a.m. to take advantage of the dead air movement of approximately 1 to 2 miles per hour. The inspector observed the complete move from the initial pick-up to the location on the containment structure.

7. R.H.R. Pumps - Unresolved Item

During a walkdown inspection of the R.H.R. "A" Pump Train Room to inspect the installed equipment and the electric motor protection, a condition was observed on the 14" OD inlet and outlet nozzles of the pumps. The condition observed had the appearance of a half-completed weld of 45° bevels. Further information obtained revealed that these grooves were machined by the pump manufacturer to facilitate the attachment of hydrostatic test fixtures. The resultant grooves appear to be in compliance with the design requirements for transition surfaces described in ASME Section III, Division I, NC 3400 "Pump Design" with NC 3421 & NC 3361 "tapered transitions". The inspector requested additional information relative to rationale for Code compliance. This item is considered unresolved.