



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303
November 5, 1982

Report No. 50-332/82-03

Licensee: Allied-General Nuclear Services
Barnwell, SC 29812

Facility Name: Barnwell Nuclear Fuel Plant

Docket No. 50-332

License No. CPCSF-4

Inspector: G. P. Coryell

11/3/82
Date Signed

Approved by: E. J. McAlpine
E. J. McAlpine, Chief, Materials Control and
Accounting Section, Division of Engineering
and Technical Programs

11/4/82
Date Signed

SUMMARY

Inspection on October 26-29, 1982

Areas Inspected

This routine, unannounced inspection involved 25 inspector-hours on site in the areas of procedure control, internal review and audit safety committees, facility status and independent effort.

Results

No violations or deviations were identified in the five area's inspected.

DETAILS

1. Persons Contacted

Licensee Employees

- *A. K. Williams, Vice President, Operations and Technical
- *G. T. Stribling, Vice President, Regulatory and Public Affairs
- *K. A. Bambas, Vice President, Finance and Administration
- *M. L. Rogell, Manager, Quality Assurance and Compliance
- *C. E. Walker, Specialist, License Compliance
- *J. H. Ellis, Manager, Nuclear Material Control
- *M. Young, Operations Supervisor
- *A. Olsen, Production Engineer
- M. Hawkin, Manager, Safety and Environmental Controls
- T. H. Kervin, Operations Supervisor
- R. D. Davis, Maintenance Planner
- C. R. Anderson, Supervisor, Technical Support
- W. Knox, Manager, Administrative Services

Other licensee employees contacted included technicians, production operators, and maintenance personnel.

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on October 28, 1982, with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Facility Status

- a. The plant is being prepared for an integrated demonstration run planned for the first quarter 1983. Modifications to in cell process piping, airlifts and instrument installations are in progress. The checkout procedures and run plans are being reviewed. A special operator training program is scheduled for December, 1982.
- b. Operations management stated that there are enough trained operators available to cover both the demonstration run and project assignments. Health physics technicians are in short supply, there are currently five available for coverage during the demonstration run.

- c. Work is being completed on several mechanical equipment projects related to cask handling and fuel disassembly and storage modules.

6. Internal Audits

Selected audit records were found to conform with requirements of QAP-7, Audit procedure and QAP-4, Quality Assurance Activity Report (QAAR). The 1982 audit program is about one month behind schedule but is expected to be completed by the end of December.

7. Safety Committees

- a. Operational Safety Committee meeting minutes for meetings 113, 114 and 115 were reviewed. Agenda coverage, attendance, report distribution and item followup records are consistent with proposed Technical Specification 16.6.2.2 and administrative procedures. Meeting records include summary of active and inactive event reports in addition to review of audit findings and Change Authorization reviews.
- b. The Executive QA committee's annual review of the Quality Assurance Program has been completed and the report is being prepared. This report will be reviewed on a subsequent inspection.

8. Procedure Control

- a. Administrative procedure A-ODAP-1, Definition and Preparation of Operations Division Procedures, establishes the method for preparing controlled documented instructions. The procedure provides an alpha-numeric identification system, defines both format and review and approval criteria. Approved procedures are controlled and distributed by Records Management. Distribution criteria is provided in AGNS Policy and Procedure, M-2.
- b. Procedures A-ODAP-4, Change Authorization defines the system used to control and document changes to approved procedures and A-ODAP-17, AGNS Work Requests, establishes a method to request, document and approve work not covered by preestablished procedures.
- c. The inspector reviewed three recently issued procedures and the final draft of a revised Quality Assurance Department Policy and Procedures Manual. No significant deviation from administrative procedural guidance was identified. All management review and approval requirements were met for issued documents.

9. Independent Effort

- a. The inspector made a detailed review of Change Authorization 82-31, addendum 1 and AWR 15396 covering piping and instrumentation modifications for the 1BX/1BXE area. Verification was made that only approved documents were in the field and that all review and approval requirements had been met.

- b. Safety Analysis recommendations require a seismic analysis of the as-built condition and performance of a criticality safety review prior to operational use. Confirmation was made that both requirements are recorded as punch list items and that field welds are recorded as QA exception log items for subsequent radiographs.
- c. The Record Management documents for this modification were examined and found to be complete and current.
- d. A Building Settlement Survey was performed on October 18 and 19, 1982 by the Heaner Engineering Company. The survey report verifies that there has been no settlement on any plant structure.