



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

Report No. 50-332/82-02

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 8/13/82
Date Signed

Approved by: E. J. McAlpine 8/17/82
Date Signed
E. J. McAlpine, Chief,
Materials Control & Accounting Section,
Division of Engineering and Technical Programs

SUMMARY

Inspection on August 3-6, 1982

Areas Inspected

This routine, announced inspection involved 26 inspector-hours on site in the areas of organization, Internal Review and Audit, Quality Assurance, Safety Committees and nonroutine event procedures.

Results

No violations or deviations were identified in the five areas inspected.

DETAILS

1. Persons Contacted

Licensee Employees

- *M. L. Rogell, Manager, QA and Compliance
- *C. E. Walker, Specialists, License Compliance
- *W. G. Redwood, QA Engineer
- G. F. Fields, Manager, Office Services
- R. Hudson, Supervisor, Office Services
- J. R. Butcher, Operation Shift Supervisor

Other licensee employees contacted included QC technicians, production operators, security force members, and office personnel.

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on August 6, 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. Organization

Dr. James A. Buckham is now president of Allied-General Nuclear Services. There have been no significant changes in organization. A temporary change in the Quality Assurance and Compliance (QA&C) staff has the Supervisor, QA, functionally reassigned to Design Engineering.

6. Internal Review and Audit

- a. The Specialist, License Compliance (SLC) and/or Operational Safety Committee (OSC) appointee's perform audits of plant programs and operations. Audit records are documented as Quality Assurance Audit Reports (QAAR).
- b. Four QAAR's were reviewed in detail and found to conform with requirements of AGNS policy Q-2, Quality Assurance; QAP-7, Audit Procedure and QAP-4, Quality Assurance Activity Report.

7. Control of Special Processes

- a. The Welding and Materials Engineering Section of the QA&C Department is responsible for qualification of special processes and for defining the codes, standards, specifications and criteria for qualification and acceptance. Requirements and procedures are contained in the Special Processes Manual.
- b. The inspector examined welder qualification procedures and records and QC technician training records and certifications. The qualification of welders, welding procedures and QC technicians were found to conform with requirements of FSAR section 17.2.9, Control of Special Processes, and QA procedures QCP-3, rev. 0, Inspection and Documentation of Welding Requirements; QCP-5, rev. 9, Non-destructive Testing Personnel Qualification and Certification and QCP-10, rev. 2, Training and Certification of QC personnel. The records of 11 welders and five QC technicians were reviewed.
- c. It was noted that the Special Processes Manual does not include procedures for Aluminium welding or for brazing and soldering. The inspector was informed that a complete revision of the manual was in progress and would include additional procedures and would delete some references to Daniels or Bechtel procedures and specifications.

8. Safety Committees

Operational Safety Committee meeting minutes for meetings 108 through 112 held in the period March to July 1982 were reviewed. Membership, quorum requirements and agenda coverage conform with the committees charter and administrative procedures. Some major topics covered include Design Engineering, Maintenance policy and practices, event reports and audit findings.

9. Licensee Event Followup

- a. Non routine incidents or events are reported in writing to the Specialist License Compliance. The SLC assigns a number to the report and makes a prompt preliminary determination as to reportability to local, state or federal agencies. If the event is potentially reportable the SLC notifies the OSC chairman; the Vice-President, Operations and Technical Division or his designee; and the Manager, QA&C. These individuals make the final determination on reportability.
- b. A written evaluation of reportability is documented for all events. Conclusions must be substantiated with evidence included or referred to in the report.
- c. Five event reports were reviewed for conformance with requirements of procedures A-ODAP-14, rev. 3, Incident/Event Report and LCP-3, rev. 0, Event Reports. In each instance the report from the cognizant area or shift supervisor clearly described the event and proper notifications

and evaluations were made. Records include verification of corrective actions. Some events require long periods of time for evaluation and completion of corrective actions. The status of all open event reports is updated monthly and this report is included as an agenda item for each OSC meeting.

10. Facility Status

- a. A limited amount of DOE project work is continuing, primarily related to development of fuel element handling, disassembly and fuel rod consolidation procedures and equipment.
- b. Work is in progress on several design projects and some minor equipment and line modifications are being made.
- c. The inspector noted that facility housekeeping was excellent and a review of operations logbooks verify that equipment and lock and tag records are current and audited by operations personnel.