

## **12 QUALITY ASSURANCE EVALUATION**

### **12.1 Quality Assurance**

The purpose of the review and evaluation of Revision 6 to Foster Wheeler Environmental Corporation's Idaho Spent Fuel Facility Quality Program Plan (Foster Wheeler Environmental Corporation, 2004) is to determine if Foster Wheeler has a Quality Assurance Program that complies with the requirements of 10 CFR Part 72, Subpart G. The areas reviewed by the staff included the following:

- QA Organization
- QA Program
- Design Control
- Procurement Document Control
- Instructions, Procedures, and Drawings
- Document Control
- Control of Purchased Items and Services
- Identification and Control of Materials, Parts, and Components
- Control of Special Processes
- Inspection
- Test Control
- Control of Measuring and Test Equipment
- Handling, Storage, and Shipping Control
- Inspection, Test, and Operating Status
- Control of Nonconforming Materials, Parts, or Components
- Corrective Action
- Records
- Audits

NUREG-1567 provides guidance for evaluating the Foster Wheeler Environmental Corporation's Idaho Spent Fuel Facility Quality Program Plan, ISF-FW-PLN-0017, against the above 18 areas. Based on our review of Revision 6 of the Quality Program Plan, the staff has determined that it meets the requirements of Subpart G of 10 CFR Part 72. While this evaluation has determined that the Quality Program Plan is acceptable, continued proper implementation of the Quality Program Plan will be assessed during future NRC inspections.

### **12.2 Evaluation Findings**

- The ISF Facility Quality Program Plan describes requirements, procedures, and controls that, when properly implemented, comply with requirements of 10 CFR Part 72.
- The structure of the organization and assignment of responsibility for each activity ensure that designated parties will perform the work to achieve and maintain specified quality requirements.
- Conformance to established requirements will be verified by qualified personnel and groups not directly responsible for the activity being performed. These personnel and groups report through a management hierarchy which grants the necessary authority

and organizational freedom and provides sufficient independence from economic and scheduling influences.

- The Quality Program Plan is well-documented and provides adequate control over activities affecting quality, as well as structures, systems, and components important to safety, consistent with their relative importance to safety.
- The staff previously accepted Foster Wheeler Environmental Corporation's Idaho Spent Fuel Facility Quality Program Plan, ISF-FW-PLN-0017, through Revision 3, by letter dated September 3, 2002. Staff approval of the Quality Program Plan through Revision 6, dated May 28, 2004, was documented in a letter dated August 5, 2004.

### **12.3 References**

U. S. Code of Federal Regulations, Licensing Requirements for the Independent Storage of Spent Nuclear Fuel and Radioactive Waste," Title 10, Part 72.

U.S. Nuclear Regulatory Commission. *Standard Review Plan for Spent Fuel Dry Storage Facilities*. NUREG-1567. Washington, DC: U.S. Nuclear Regulatory Commission. 2000.

Foster Wheeler Environmental Corporation. *Idaho Spent Fuel (ISF) Facility Revision to Quality Program Plan*. ISF-FW-PLN-0017. Docket 72-25. Revision 6. Morris Plains, NJ: Foster Wheeler Environmental Corporation. May 28, 2004.