

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Washington Group International, Inc. REPORT NUMBER(S) 2004-001		2. NRC/REGIONAL OFFICE US Nuclear Regulatory Commission Region IV	
3. DOCKET NUMBER(S) 030-36415	4. LICENSE NUMBER(S) 29-27761-01	5. DATE(S) OF INSPECTION Dec. 13, 2004-Jan. 4, 2005	
6. INSPECTION PROCEDURES IP 87121	7. INSPECTION FOCUS AREAS 03.01, .02, .04, .05, .06, .07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 03320	2. PRIORITY 1	3. LICENSEE CONTACT Robert Scholes	4. TELEPHONE NUMBER 281-529-2713
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: Normal: 12/13/2005	
<input type="checkbox"/> Field Office		_____	
<input type="checkbox"/> Temporary Job Site		_____	

PROGRAM SCOPE

This was an initial, announced inspection. The licensee's main office was in Princeton, New Jersey, but the Radiation Safety Officer worked out of the licensee's office in Houston, Texas. Washington Group International, Inc. was a very large organization that, as part of its operations, provided radiography services to the nuclear power industry. Specifically, SGT Ltd., was a joint venture of Washington Group International and Framatome ANP, and was a leading U.S. supplier of steam generator and reactor vessel head replacement services. In this regard, Washington Group International, Inc. provided radiographic operations to support these large-scale industrial operations.

Mr. Robert Scholes was the Radiation Safety Officer and was located in Houston, Texas. He reported to Mr. Karl Schmidt, the Director of Quality Programs, whose office was located in Princeton, New Jersey. The radiation safety program was being run out of the Houston office. The RSO was managing several Agreement State licenses (including TX, MS, SC, IL, FL, AR, and NY) in addition to the NRC license. There appeared to be a communication breakdown between the Princeton and Houston offices in that the RSO was not routinely receiving NRC communications from the Princeton location. This was discussed at length during the inspection and also during the exit with license management.

From July-November 2004, the licensee worked under NRC jurisdiction at the Prairie Island nuclear facility located in Welch, Minnesota. The inspector reviewed a selection of records and procedures pertaining to this project, including, but not limited to training, certification, transportation, radiation surveys of storage areas, instrument calibration, and dosimetry reports.

The RSO stated that he attempted to visit each project but may instead try to assign a site RSO to the longer-term projects. This proposal was being reviewed by the RSO's management. The licensee had no permanent storage areas for radioactive material. When they began a job, the radiography camera was sent directly from the manufacturer and at the end of the project, the camera was sent back to the manufacturer. In Houston, the licensee only maintained cranks, survey meters, and other associated equipment. Also note that Lamco & Associate of Woodlands, Texas, performed an independent audit of the licensee's program in June 2004 and provided certain required radiation safety training.

The licensee anticipated work in NRC jurisdiction to occur in 2005 at the Callaway nuclear facility located in Fulton, Missouri.