

**PROGRAM STATUS  
ENFORCEMENT PROGRAM (PAAA)  
10 CFR 820**

**April 30, 2008**

<b>DOE REQUIREMENTS 10 CFR 820</b>	<b>STATUS</b>
Identify a Site Office Enforcement Coordinator to interface with HS-40, and to evaluate contractor's issues management for identification of non-compliances, and closure of corrective actions.	<ul style="list-style-type: none"> <li>Price Anderson Coordinator designated in TJSO SOPP-4.10, <i>Functions, Responsibilities, and Authorities Manual</i>, April 10, 2008.</li> </ul>

**PROGRAM STATUS  
RADIATION PROTECTION PROGRAM  
10 CFR 835**

**March 20, 2008**

<b>SITE OFFICE REQUIREMENTS 10 CFR 835</b>	<b>STATUS</b>
Approve the Contractor's Radiation Protection Plan.	<ul style="list-style-type: none"> <li>The Jefferson Lab Radiation Program and Implementation Plan was reviewed and approved on January 23, 2008.</li> </ul>
Provide oversight of the site Radiation Protection activities	<ul style="list-style-type: none"> <li>TJSO provides oversight of the Radiation Protection Program as part of the Operational Awareness Program Plan TJSO SOPP-4.5. <ul style="list-style-type: none"> <li>A Radiation Protection Surveillance was conducted on July 17, 2005.</li> </ul> </li> </ul>
Report annual radiation exposure records, as required by 10 CFR 835, to the radiation exposure monitoring system by March 31 each year	<ul style="list-style-type: none"> <li>TJSO SOPP-4.10, <i>Functions Responsibilities and Authorities Manual</i>, December 20, 2007</li> <li>Office of Science responsible person obtains this data directly from the contractor and will coordinate with TJSO responsible person, as required.</li> </ul>

## **ADDITIONAL RESOURCES**

- 10 CFR 820, *Procedural Rules for DOE Nuclear Activities*
- 10 CFR 830, *Nuclear Safety Management*
- 10 CFR 835, *Occupational Radiation Protection*
- 10 CFR 851, *Worker Safety and Health Program*
- 10 CFR 824, *Procedural Rules for the Assessment of Civil Penalties for Classified Information Security Violations*
- DOE O 5400.5, Ch2, *Radiation Protection of the Public and the Environment*
- DOE G 441.1-1A, *Management and Administration of Radiation Protection Programs Guide*, dated 10-20-03
- DOE G 441.1-2, *Occupational ALARA Program Guide*, dated 3-17-99
- DOE G 441.1-3A, *Internal Dosimetry Program Guide*, dated 6-11-05
- DOE G 441.1-4A, *External Dosimetry Program Guide*, dated 6-11-05
- DOE G 441.1-5, *Radiation-Generating Devices Guide*, dated 4-15-99
- DOE G 441.1-6, *Evaluation and Control of Radiation Dose to the Embryo/Fetus Guide*, dated 4-29-99
- DOE G 441.1-7, *Portable Monitoring Instrument Calibration Guide*, dated 6-17-99
- DOE G 441.1-8, *Air Monitoring Guide*, dated 3-17-99
- DOE G 441.1-9, *Radioactive Contamination Control Guide*, 6-17-99
- DOE G 441.1-10, *Posting and Labeling for Radiological Control Guide*, dated 5-24-99
- DOE G 441.1-11, *Occupational Radiation Protection Record-Keeping and Reporting Guide*, dated 5-20-99
- DOE G 441.1-12, *Radiation Safety Training Guide*, dated 3-17-99
- DOE G 441.1-13, *Radioactive Sealed Source Accountability Guide*, dated 4-15-99

## **KEY DOCUMENTS**

- TJSO SOPP-4.5, Rev 2, *Operational Awareness Program Plan*, March 12, 2008
- TJSO SOPP-4.10, *Functions Responsibilities and Authorities Manual*, December 20, 2007

## **TJSO ASSESSMENTS**

N/A

## **AREAS OF CONCERN**

- No recent documented review of contractor 10 CFR 835 Program.
- TJSO needs to verify JLab's technical basis for release of material from halls and tunnels.
- DOE actions and related oversight for 5400.5 at TJNAF will require significant effort.
- Technical basis for not requiring personnel or equipment to survey out of the tunnels and halls needs to be defined.

### **CONTRACTOR ASSESSMENTS/OVERSIGHT**

- Radiation Protection Surveillance July 17, 2005.
- Email from Steve Neilson to Scott Mallette dated September 12, 2007, documenting TJSO involvement in TJNAF radiation protection program issues.
- WALK-LD3-3/3/2008-59643, documentation of oversight of high exposure work activity.

### **PATH FORWARD**

- Conduct review of contractor's 10 CFR 835 Program.
- Verify JLab's technical basis for release of material from halls and tunnels.
- Develop technical basis for requiring personnel or equipment to survey out of the tunnels and halls.

**TJSO POINT OF CONTACT:** David Luke