

**Quarterly Letter Status Report for  
Protection of Classified Information and Related Security Activities  
2nd Quarter of Fiscal Year 2014  
January 1 through March 31, 2014**

**I. Introduction**

The U.S. Department of Energy (DOE) and the U.S. Nuclear Regulatory Commission (NRC) have entered into three (3) interagency agreements for DOE to perform certain security related activities for the NRC. These interagency agreements are:

- NRC-HQ-50-12-1-008 "Protection of Classified Information and Related Security Activities at the General Electric Laser Enrichment Facility – J5718"; and

These interagency agreements became effective October 1, 2012. Each of the interagency agreements contains terms that require DOE to provide quarterly letter status reports summarizing the status of all evaluation and inspection tasks relative to each of the agreements.

This is the fifth (5th) status report provided in accordance with the terms of the agreements.

**II. Description of Activities during this Reporting Period**

The DOE provided technical assistance by conducting inspections and assessments of Information Technology security activities. Each inspection activity was conducted in conjunction with appropriate NRC staff (as requested). Details of the inspection effort were provided either in person during the inspection or in subsequent electronic correspondence or telephone communication.

A summary discussion of the activities associated with each agreement follows.

## **B. General Electric Laser Enrichment Facility (J5718)**

During this reporting period, DOE's evaluation and inspection efforts included the following:

- Created new hand receipts for equipment, scanned, and sent to clients throughout the month.
- Received destruction receipts for keying material and created a new destruction SF-153 to send to Headquarters (HQ). This included generating paperwork, inventory SF-153, scan and send to HQ, and update database with changes.
- Received, inventoried, signed, and processed new equipment. This included processing the information into the database and scanning this information to HQ.
- Updated appointment memorandum appointing additional KIK 20 electronic key loader auditors to the account, created memorandum for Dale King's signature, scanned and emailed to him. Received back scanned memorandum and sent to HQ for approvals.
- Generated electronic key order for equipment, placed the order, and emailed to HQ.
- Received the keys, through the KIK 20 electronic key loader, signed, faxed information back to HQ, and updated all database information.
- Wrapped and mailed equipment to Wilmington, generated new hand receipts, received paperwork back from Wilmington, and updated the database, and sent the information to HQ.
- Emailed vendors to provide direction on sending equipment back, including keying material, and obtained SECTERA keys for the new equipment received.
- Generated SF-153 transfer to General Dynamics for equipment and keying material

and wrapped and mailed to the vendors.

- Traveled to and from GLE facility to install and test equipment, generated paperwork, obtained signatures, updated database, and sent the information to HQ.
- Replaced STEA and key associated with it, fax tested, generated required paperwork, updated database and SF-153's and sent the information to HQ.
- Sent required quarterly rekey information to users, received email verification back that all keys had been rekeyed, and updated the database and files.
- Scanned and resent all extended hand receipt memorandums to Dale King for signature.
- Traveled to and from Oak Ridge to the GLE facility to take the TPA (master key) to make administrative changes requested for three of the STEA phones for specific settings needed on the instruments.
- Processed KSV-21 cards that were defective due to bad batteries or bad keying material to facilitate transfer to the Electronic Key Management (EKMS) facility for replacement or destruction. Transfer paperwork was processed to the facility and to HQ moving the equipment between accounts. Keys were packaged, wrapped, and mailed to EKMS. Database work was processed to reflect this equipment transfer from the account and paperwork processed to HQ for inventory purposes.
- Received reprogrammed KSV-21 keys from EKMS for the Clinton Facility and the Wilmington Facility. This process involved signing the incoming paperwork, faxing back to EKMS, and then emailing to HQ. The equipment was logged into the database. The keys were placed in the safe, and the key inventory was conducted.
- Processed paperwork, updated the database, and packaged and mailed non-reprogrammable KSV-21 keys back to Headquarters for destruction by the custodian of the Headquarters account.
- Received signed paperwork back from Headquarters acknowledging receipt of the keys and updated database and paperwork to reflect these changes.

Other activities included the following:

- As the "Federal" Classification Officer for the General Electric Uranium Enrichment Program, performed classification officer duties as follows:
  - Performed several Declassification Requests.
  - Performed classification consultations, classification interpretations, and reviewed several documents.
- Participated in discussions with GE-Hitachi (GE-H) regarding the usage of wireless devices in classified areas.
- Participated in monthly teleconferences with GE-H and NRC to discuss the status of GE-H's classified cyber security activities.
- Developed a DOE letter for approval of the updated Classified Distributive Information Network (CDIN) drawings for the MSF.
- Resolved comments regarding a DOE letter of approval of the CDIN drawings for the Wilmington, NC facility.
- Initiated review of the GE revision of the CDIN drawings for the MSF.
- Provided support for the NRC and DOE review activities of a GE facility in Huntsville, Al.
- Provided support information for use in the monthly teleconference with GE-H and NRC to discuss the status of GE-H's classified cyber security activities.
- Resolved comments and assisted in issuing a DOE letter for approval of the updated CDIN drawings for the Wilmington, NC facility.
- Conducted research of DOE/Industry procedures for classified cyber security systems.
- Participated in teleconferences with DOE and NRC.
- Provided COMSEC and TEMPEST advice

- Prepared for USEC Piketon Site visit
- Performed site visit to USEC Piketon to conduct Annual TEMPEST Threat Assessment
- Prepared and submitted assessment results.

The cost accounting in support of this interagency agreement can be summarized as:

<b>2nd Quarter FY14</b>	<b>January</b>	<b>February</b>	<b>March</b>
Federal Emp. Labor	\$3,405.94	\$2,783.48	\$2,480.26
Federal Emp. Travel	\$925.17	\$0.00	\$358.13
Contractor 1	\$4,233.41	\$4,286.70	\$2,707.76
Contractor 2	\$682.36	\$194.96	\$389.92
Contractor 3	\$1,289.00	\$220.00	\$207.00
Federal Admin. Charge (3%)	\$316.08	\$224.55	\$184.29
<b>Quarterly Total</b>			<b>\$24,889.01</b>

Based upon cumulative funding provided to date, past expenditures and projected future activities, we do foresee the need for additional funding during the second quarter of Fiscal Year 2014.