

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

G. E. Inspection Services (GE-IS)  
(Formerly Liberty Technologies, Inc.)  
1211 Kona Drive  
Rancho Dominguez, CA 90220

REPORT NUMBER(S) 13-01

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38303/030-29727

4. LICENSE NUMBER(S)

04-24888-01

5. DATE(S) OF INSPECTION

August 14, 2013

**LICENSEE:**

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

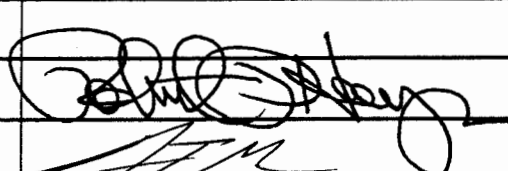
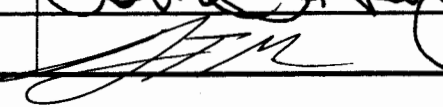
Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

**Statement of Corrective Actions**

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Robert P. Hays		8/14/13
BRANCH CHIEF	Aaron T. McCraw		9/7/13

**Docket File Information****SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

## 1. LICENSEE/LOCATION INSPECTED:

G. E. Inspection Services (GE-IS)  
(Formerly Liberty Technologies, Inc.)  
1211 Kona Drive  
Rancho Dominguez, CA 90220

REPORT NUMBER(S) 13-01

## 2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

## 3. DOCKET NUMBER(S)

030-38303/030-29727

## 4. LICENSE NUMBER(S)

04-24888-01

## 5. DATE(S) OF INSPECTION

August 14, 2013

## 6. INSPECTION PROCEDURES USED

87121

## 7. INSPECTION FOCUS AREAS

03.01-03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

## 1. PROGRAM CODE(S)

3320

## 2. PRIORITY

1

## 3. LICENSEE CONTACT

Kirk Gros, RSO

## 4. TELEPHONE NUMBER

(310) 283-0182

☐ Main Office Inspection      Next Inspection Date: 08/14/2014

☒ Field Office Inspection    1 Lexan Lane, Mt. Vernon, IN (Sabic Plastics)

☐ Temporary Job Site Inspection    Paul Powers, onsite RSO (812) 499-5189

**PROGRAM SCOPE**

The licensee is authorized by their license to conduct industrial radiography at temporary job sites and at the licensee's Mt. Vernon, IN facility. The licensee's industrial radiography program included 2 radiographers and 1 assistant radiographer in training. At the time of the inspection, the licensee possessed one Delta 880, Ir-192 radiographic exposure device (RED). The RED has been transported off site on one occasion (during April 2013) to a local temporary job site in Edwardsport, IN, since the previous inspection. Industrial radiography is conducted at Sabic Plastics as needed and use averaged three-four utilizations per month. The last date of utilization was July 31, 2013, and no radiography was scheduled on the day of the inspection. Sealed sources are exchanged by the onsite RSO. The licensee also has a survey meter calibrator and authorized to calibrate licensee survey meters, pocket dosimeters, and alarming rate meters, but instead, sends the equipment out to a service vendor for required calibrations. No change in radiography staff since the previous inspection.

**Performance Observations**

The licensee's local RSO and radiographer demonstrated/discussed: (1) DOT transportation requirements and shipping papers; (2) RED labels; (3) survey meter instrumentation and calibrations; (4) source exchanges; (5) day of use and quarterly radiography equipment inspections; (6) security of the RED; (7) utilization logs; (8) radiographer's certifications; (9) staff training; (10) DU leak tests/inventories; (11) radiographer audits; (12) incidents or events with REDs (none); (13) pocket dosimeters and alarming rate meter calibrations; (14) radiation safety program audits by corporate RSO; (15) "go/no go" misconnect tests; (16) alarming rate meter tests for alarm and battery; (17) HAZMAT refresher training; (18) NSTS reports and updates; and (19) dosimetry records for 2012 indicated less than 138mR-DDE total dose.

The inspector performed independent radiation measurements which indicated no dose concerns and consistent with licensee survey records and postings.