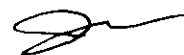


NRC FORM 591M PART 1

(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION



1. LICENSEE/LOCATION INSPECTED:

Systems and Electronics, Inc.
201 Evans Lane
St. Louis, MO 63121-1126

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4351

REPORT

2005/001

3. DOCKET NUMBER(S)

030-36717

4. LICENSEE NUMBER(S)

24-23912-01

5. DATE(S) OF INSPECTION

10/8/2005

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, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Tony S. Go		10/8/05

NRC FORM 591M PART 3 (10-2003) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
<i>Docket File Information</i> SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE Systems and Electronics, Inc.		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III	
REPORT NUMBER(S)			
3. DOCKET NUMBER(S) 030-36717	4. LICENSE NUMBER(S) 24-23912-01	5. DATE(S) OF INSPECTION 10/ 18 /05	
6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01 - 03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM CODE(S) 3214	2. PRIORITY 5	3. LICENSEE CONTACT Andy Sipka	4. TELEPHONE NUMBER 314-553-4335
<input checked="checked" type="checkbox"/> Main Office Inspection		Next Inspection Date: 10/10	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site			
PROGRAM SCOPE			

NRC FORM 591M PART 3 (10-2003)

The licensee performed installation of self luminous level devices containing tritium on portable radar units for the Department of Defense (DOD). These glass level devices containing tritium gas were ordered from a vendor as ready-made devices that are easily attached to the radar units using tamper proof metal screws. After each installation, these radars containing the self luminous devices were distributed to the Army. The licensee distributed these devices containing the licensed material under "-02E" distribution license. Additionally, only about four to five workers were involved in the installation of the licensed sources on the radar unit. At this facility, the licensee employed approximately 200 workers.

Performance Observations

At this facility, these small leveling devices containing tritium gas were stored in a secured facility at the St. Louis plant. To access this facility, personnel must have DOD clearance. The radar units containing this leveling device were labeled to identify the type and quantity of licensed material (tritium gas). The inspector toured the facility and observed the manufacturing that included the storage area containing luminous devices. No violations were identified during the tour of the facility.