

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: American Red Cross Southeastern Michigan Region 100 Mack Avenue Detroit, MI 48232-5351 REPORT NUMBER(S) 12-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-31688	4. LICENSE NUMBER(S) 21-15436-02	5. DATE(S) OF INSPECTION May 2, 2012	

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	Bill C. Lin		5/21/12
BRANCH CHIEF	Hironori Peterson		5/24/12

Docket File Information
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6. INSPECTION PROCEDURES USED 87122	7. INSPECTION FOCUS AREAS FE1-FE7
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03510	2. PRIORITY 5	3. LICENSEE CONTACT Tom Wrona	4. TELEPHONE NUMBER (313) 494-2894
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Main Office Inspection Next Inspection Date: 05/2017

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This blood bank division of the American Red Cross is located in the Detroit, Michigan area. This blood bank employees approximately 300 individuals and possessed a Nordion Gammacel 1000 Elite for irradiation of blood products. The unit was located in a dedicated room adjacent to the blood bank. The room and the unit was locked and is constantly monitored 24 hours a day and 365 days a year.

Performance Observation

The inspector had the licensee demonstrate how the irradiator leak tests, minor maintenance, and area surveys were performed. The inspector interviewed selected licensee personnel, and reviewed selected records such as personnel training, wipe tests and inventory records, area survey results, and annual radiation safety audits. The inspector took confirmatory survey and no radiation readings were above regulatory compliance limits. Licensee personnel are not required to wear dosimetry. Note to the next inspector, the radiation safety officer's normal working hours were from 1100-1900.