

NRC FORM 591X PART 1
(11-2001) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/CERTIFICATE HOLDER

Location
Inspected: **MS Sedco, Inc.
8701 Castle Park Drive
Indianapolis, IN 46256**

2. REGIONAL OFFICE

**US Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532**

REPORT NUMBER(S) 2007-001

3. DOCKET NUMBER(S)

030-32045/03032046

4. LICENSE/CERTIFICATE NUMBER(S)

13-26301-01 & 13-26301-02E

5. DATE(S) OF INSPECTION

6/ 27 /2007

Inspection Procedures Used:
87126

Inspection Focus Areas: **02.03 thru 02.11; 02.12e, 02.13 thru 02.14; 02.16 thru 02.19; and 02.21.**

LICENSEE/CERTIFICATE HOLDER:

The inspection was an examination of the activities conducted under your license/certificate as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license/certificate. 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) were discussed involving the following requirement(s):

- ☐ 4. During this inspection certain of your activities, as described in the 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.

STATEMENT OF CORRECTIVE ACTIONS

I hereby state that, within 30 days, the actions described by me to the inspector and as described in the attachment 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/ CERTIFICATE HOLDER	Raymond Benson, Jr., RSO		6/ /2007
NRC INSPECTOR	Darrel G. Wiedeman		6/ 27 /2007

**SAFETY INSPECTION REPORT AND COMPLIANCE
INSPECTION**



1. LICENSEE/CERTIFICATE HOLDER **MS Sedco, Inc**

2. REGIONAL OFFICE **Region III, Lisle, IL 60532**

REPORT NUMBER(S) **2007-001**

3. DOCKET NUMBER(S) **030-32045**

4. LICENSE/CERTIFICATE NUMBER(S)

13-26301-01

5. DATE(S) OF INSPECTION

6/27/2007

Supplemental Inspection Information

Program Code(s):
03214 & 03255

Priority: **5**

Licensee Contact:
Raymond Benson, RSO

Telephone No. :
(800) 842-2545

- ☒ Main Office Inspection
☐ Field Office
☐ Temporary Job Site

Next Inspection Date: **05/2009**

Program Scope

This licensee employees eighteen individuals, however only one of these individuals is directly involved in licensed activities. This licensee is authorized to manufacture and distribute fire door closure devices that use a ionization smoke detector to activate the closing of a fire door. Each device contains a 1.0 microcurie americium-241 plated source. These devices are sold to building contractors as an "exempt device". The building contractors install the door closure devices in commercial buildings. The devices are distributed under license No. 13-26301-02E. The licensee performs smear tests in eight (8) locations of the production area two times per month. The inspector reviewed a sample of the bi-monthly smear test records and did not find any indication of gross contamination or unusual radioactive areas that were contaminated. This licensee sells approximately 1,000 of these devices/year. The shipping container states that the device contains an americium source and the owners manual states that the device should be returned to the manufacturer and should not be disposed in a landfill.

Performance Observations

During the inspection the licensee's staff demonstrated and discussed: direct radiation surveys, surveys for removable contamination, package receipt procedures, and processing procedures.

Under License No. 13-26301-02E the licensee submitted their last 5-year record of transfer (distribution list) as required under 10 CFR 32.29 in 2002. The inspector informed the licensee that another 5-year transfer record is due this year.

No violations of NRC requirements were identified within the scope of this inspection.