

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: BRK Brands, Inc. 3901 Liberty Street Road Aurora, IL 60504-8122 REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-32838	4. LICENSE NUMBER(S) 12-23809-01E	5. DATE(S) OF INSPECTION 3/28/2018 to 5/22/2018
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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:

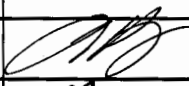
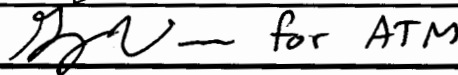
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Luis Nieves Folch		5/24/18
BRANCH CHIEF	Aaron T. McCraw	 for ATM	5/24/18

Docket File Information
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6. INSPECTION PROCEDURES USED 87125	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03251	2. PRIORITY 5	3. LICENSEE CONTACT Daniel Eavenson Compliance Engineer	4. TELEPHONE NUMBER (630) 499-3337
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Main Office Inspection Next Inspection Date: March 28, 2023

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a licensee that imported sealed sources containing less than one microcurie each of americium-241, installed the sources in smoke detectors, and then distributed the products to persons exempt from NRC or Agreement State regulations. The licensee distributed 11,420,094 ionization smoke detectors for residential use. The licensee assembled its smoke detectors in Juarez, Mexico and distributed them under their NRC exempt distribution license from el Paso, Texas. The licensee no longer distributes smoke detectors from its facility in Aurora, IL.

PERFORMANCE OBSERVATIONS

The inspector visited the Aurora location and reviewed the labels on a few smoke detectors used for R&D and distribution reports for the past years. Since the licensee no longer distributes smoke detectors from their Aurora location the inspector had a telephonic conversation with licensee staff in the El Paso location to evaluate the licensee's measures for materials security, hazard communication, and exposure control. Through these discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and exposure control. The inspector conducted independent surveys of the Aurora facility and found no evidence of residual contamination or exposures to members of the public in excess of regulatory limits.

During the last inspection, one violation was identified for failure to submit a copy of a report of all americium exports made during the previous calendar year to the NRC. The licensee completed corrective action as described. The inspector reviewed the corrective actions by searching the NRC database for the records. The previous violation is closed.

No violations of NRC requirements were identified as a result of this inspection.

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Thursday, May 24, 2018 10:40 AM
To: 'Eavenson, Dan'
Subject: NRC Clear 591 report
Attachments: SKM_C45818052411090.pdf

Dear Mr. Eavenson,

Attach is the clear 591 report for the inspection conducted on March 28, 2018, no further actions are required on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Office: (630) 829-9571
Fax: (630) 515-1259