

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Countrymark Refining and Logistics, LLC 1200 Refinery Road Mount Vernon, IN 47620 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-32002	4. LICENSE NUMBER(S) 13-26261-01	5. DATE(S) OF INSPECTION 03/28/18, with in-office review through 04/23/18	

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:


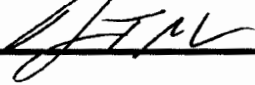
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		04/26/2018
BRANCH CHIEF	Aaron McCraw		05/08/2018

Docket File Information

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6. INSPECTION PROCEDURES USED 87124		7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Benny Tennyson - RSO	4. TELEPHONE NUMBER (812) 836-8172
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Main Office Inspection Next Inspection Date: 03/28/2023

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of an oil exploration, production, refining, and marketing company authorized to use radioactive material for level or density measurements on process vessels at its 30,000 barrel per day oil refinery in Mount Vernon, Indiana. At the time of the inspection, the licensee used a variety of Vega Americas fixed nuclear gauges containing Cs-137 sealed sources, as well as one National Tank Co. gauge containing a Ra-226 sealed source. Two of the approximately 240 staff at the refinery were actively involved in the oversight of these gauges, while the manufacturer or an authorized service provider performed leak test collection and analysis and non-routine maintenance. Please note that fire-resistant clothing is required to gain access to any of the gauges.

PERFORMANCE OBSERVATIONS: The inspector toured the facility in Mount Vernon to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys in the vicinity of nearly all in-service source holders, and found no exposures in unrestricted areas in excess of regulatory limits to the public, nor any unusual readings in the vicinity of these devices. The inspector interviewed staff involved in the oversight of the gauges, and reviewed the licensee's lock-out/tag-out procedures and training while on-site. During the period of in-office review, the inspector also reviewed records of shutter checks, leak tests, and recent non-routine maintenance by an authorized service provider. The inspector also discussed with the staff a discrepancy in the licensee's materials authorizations. In requests dated 4/21/15 and 4/26/16, the licensee outlined plans to replace several Kay-Ray gauges with Vega Americas model SHLD gauges; however, the actual replacements were model SH-F1A gauges. The inspector determined that any potential violation of LC 8.B or 10 CFR 30.9 caused by this error would be administrative in nature and of minor safety significance; SH-F1A gauges are very similar in construction and operation to SHLD gauges, and those installed contained the same form and quantities of Cs-137 as originally requested. The licensee submitted a request to correct the discrepancy on 4/13/18. The NRC received this request on 4/17/18.

The inspector also reviewed the licensee's corrective actions for a SLIV violation of LC 13.A identified in IR 03032002/2018001(DNMS). The inspector found that the licensee had taken corrective actions as described in the inspection report, and that the violation had not occurred again since. Therefore the violation is closed. No other violations were cited as a result of this inspection.

Craffey, Ryan

From: Craffey, Ryan
Sent: Thursday, May 10, 2018 3:31 PM
To: 'Benny.Tennyson@CountryMark.com'
Subject: NRC Inspection Report
Attachments: NRC Inspection Report - Countrymark Refining and Logistics 2018.pdf

Good afternoon Benny,

Attached is a completed copy of the report for my inspection of your radiation safety program back in March. Since no violations were cited, no additional action on your part is required, but please feel free to contact me any time if we may be of assistance to you in the future.

Thanks!

Ryan Craffey

Health Physicist
US Nuclear Regulatory Commission
Materials Inspection Branch, Region III
(630) 829-9655