

### SAFETY AND COMPLIANCE INSPECTION REPORT

1. LICENSEE OR CERTIFICATEE/LOCATION INSPECTED: Global Nuclear Fuels - Americas, L.L.C. P.O. Box 780 Wilmington, NC 28402		2. NRC/REGIONAL OFFICE: <b>U.S. Nuclear Regulatory Commission Region II 61 Forsyth Street, Suite 23T85 Atlanta, GA 30303</b>	
REPORT NO: 2008-005			
3. DOCKET NUMBER(S): 70-1113	4. LICENSE OR CERTIFICATEE NUMBER: SNM-1097	5. DATE(S) OF INSPECTION: August 4-7, 2008	
6. INSPECTION PROCEDURE(S) COMPLETED 88050			

#### LICENSEE OR CERTIFICATEE:

The inspection was an examination of the activities conducted under your license or certificate as they related to safety and/or safeguards and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license or certificate. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation 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. Reported events reviewed
- 4. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were non-repetitive, licensee-identified, and corrective action was being taken, and the remaining criteria in the NRC Enforcement Policy to exercise discretion were satisfied.

Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 5. 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)

#### 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/CERTIFICATEE			
NRC INSPECTOR	R. Prince/Jennifer Foster	/RA/	9/2/08

**DOCKET FILE INFORMATION  
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6. INSPECTOR(S): R. Prince, Jennifer Foster

7. INSPECTION PROCEDURES USED: 88050

**SUPPLEMENTAL INSPECTION INFORMATION**

**EXECUTIVE SUMMARY**

Summary of Plant Status

The Global Nuclear Fuels Facility converts UF<sub>6</sub> to UO<sub>2</sub> and fabricates low-enriched uranium fuel for use in commercial nuclear power reactors. During the period of this inspection, plant operations were normal.

This routine, announced inspection included evaluation of the emergency preparedness program. The inspection involved observations of emergency preparedness facilities and equipment, reviews of selected records, and interviews with plant personnel. The inspection identified the following aspects of the licensee's emergency preparedness program.

Emergency Preparedness (EP) (88050)

- Selected Emergency and Interim Emergency Directors (ED) were interviewed. The inspectors questioned individuals concerning the responsibility of the ED position, activation of the Emergency Coordination Center (ECC), and procedural guidance utilized to evaluate various emergency classifications. The inspectors found individuals to be knowledgeable of their duties and functions.
- The most recent annual audit of the EP program was reviewed. The inspectors noted that audit observations and recommendations were entered into the facility's corrective action program for tracking and closure.
- Training and qualification records were reviewed for individuals assigned to Emergency Response Teams (ERTs) and Emergency Medical Teams (EMTs). The inspectors found that training records were current and accurately reflected the training and qualification requirements specified in applicable licensee procedures.
- The inspectors reviewed emergency equipment inventory and maintenance records and emergency equipment storage locations. Inventory checklists were completed in accordance with approved procedures. The inspectors found that emergency equipment including self-contained breathing apparatus units, survey equipment, air sampling and monitoring equipment and supplies, and various protective clothing inventories were adequate in number and required calibration and testing current.

## Executive Summary (Cont.)

- The inspectors reviewed EP plan and procedure changes made since the last inspection. In general, the inspectors found the procedure changes to be acceptable with one exception. The inspectors identified the need for NRC technical staff to further review Revision 22 of procedure 5-1, "Criticality Emergency Director Instruction" which provided guidance to licensee personnel when evaluating the need to declare an "Alert." The guidance provided may preclude a rapid declaration of an alert and therefore could constitute a decrease in the effectiveness of the emergency plan. Chapter 8 of the License Renewal Application (dated April 2, 2007), states that requirements of the RC&EP are implemented through approved documented procedures. This item was identified as an Unresolved Item (URI ) 70-1113/2008-05-01.
- The inspectors observed a site orientation tour conducted by licensee representatives for emergency response team individuals stationed at adjacent onsite facilities. The purpose of the tour was to familiarize individuals with key site areas and the location of emergency equipment and supplies. The inspector noted that the tour and associated training session provided adequate orientation for emergency response team members.
- Letters of mutual agreement with offsite support agencies and the facility's call list were found to be current. The inspectors randomly called several offsite agencies from the emergency call list and confirmed that phone numbers and contacts were accurate. No issues or concerns were identified.
- The inspectors observed an emergency planning scenario development meeting attended by offsite support agencies. The inspectors found that the offsite support agency representatives were familiar with their roles and were aware of the hazards involved in the scenario.

### List of Items Opened, Closed, Discussed

<u>Item Number</u>	<u>Status</u>	<u>Description</u>
2008-05-001	Open – URI	The inspectors noted that revision 22 of procedure 5-1, "Criticality Emergency Director Instruction," provided guidance to licensee personnel when evaluating the need to declare an "Alert." The guidance provided may preclude a rapid declaration of an alert and therefore could constitute a decrease in the effectiveness of the emergency plan. Chapter 8 of the License Renewal Application (dated April 2, 2007), states that requirements of the RC&EP are implemented through approved documented procedures. The inspectors also noted that no formal procedure change control program is utilized for revisions to emergency plan procedures.
2007-05-002	Closed – URI	The licensee distribution listing for the emergency plan for offsite agencies did not include the local fire department. The offsite fire station had been added to the EP controlled copy distribution list for revisions. The inspectors verified that the copy of the EP at the offsite fire station was current.
2007-05-003	Closed - IFI	The site-specific emergency training did not properly characterize emergency response alarms. The inconsistencies involved in the "Blue Dot" training are not associated with actions associated with criticality events or building evacuations. No safety issues were identified with this issue.