



NUCLEAR FUEL SERVICES, INC.
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21G-09-0087
GOV-01-55-04
ACF-09-0166
May 28, 2009

Mr. Joseph Shea
Director, Division of Fuel Facility Inspection
U.S. Nuclear Regulatory Commission
Region II, Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303

- References:
- 1) Docket No. 70-143; SNM License 124
 - 2) NRC letter from Deputy Director, Office of Nuclear Material Safety and Safeguards, to B. Marie Moore, dated May 11, 2009, "Amendment 88 to License SNM-124: Authorization to Process Uranium Fluoride Compounds in the CD Line (TAC L32653)"
 - 3) NRC letter from Director, Division of Fuel Facility Inspection, to David Kudsin, dated May 4, 2009, "Nuclear Fuel Services, Inc. Operational Readiness Review"

Subject: CD Line Operational Readiness Review

Dear Sir:

Nuclear Fuel Services, Inc. (NFS) hereby declares that the CD Line facility is ready for the Operational Readiness Review (ORR) to be conducted by the Nuclear Regulatory Commission (NRC). The following prerequisite conditions have been met to allow the ORR to begin on June 1, 2009.

Prerequisite Conditions - COMPLETE

- All equipment needed to ensure the safe operation of the CDL has been installed and supporting design packages are complete.
- Plant drawings reflect the as-installed design and have been entered into the electronic Configuration Control system.
- Set point calculation data sheets and supporting documentation for components required to support the safe operation of the CDL are complete and are available for review.
- Tests for safety-related equipment are complete and the results of such tests are available for review, with exceptions for tests that require authorization to use chemicals or connection to SNM lines as noted below.
- Nuclear criticality safety reviews are complete and documentation is available for review.
- Development, review, and approval of all new procedures and revision of any existing procedures needed to support safe operation of the CDL are complete and are available for review.
- Familiarization of CDL for support personnel (e.g., radiation technicians, maintenance mechanics, plant superintendents, construction coordinators, and security personnel) has been assigned as a job requirement.
- Emergency response training is complete, including training of local medical personnel on the additional hazards associated with CDL.

- General hazard awareness training for the remainder of the plant population has been assigned as a job requirement for MAA entry, and entry is prohibited until the requirement has been completed.
- Safety culture improvement initiatives applicable to the CDL startup are complete. A review and evaluation of current safety culture performance for those people and processes involved in the proposed operation of the CDL is available for NRC review.
- An ORR has been completed by NFS, and documentation is available for review.

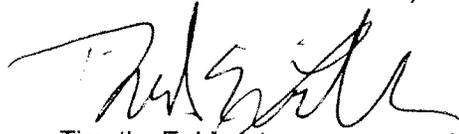
Exceptions

- The training program for the operators and supervisors of the Commercial Development Line (CDL) has utilized a phased approach to complete the training. In order to establish proficiency in their respective areas, classroom training and equipment training with water and shapes is conducted first. Prior to the introduction of SNM, written tests for each module of the lesson plan are completed prior to performing/simulating the applicable actions on the floor. Following the introduction of SNM, the training will continue on in this mode until proficiency is established at each station. The status of such training is as follows: 1) Utility operator training is complete and they have been released to supervisor on-the-job training (OJT). 2) Process operator classroom training started on May 26, 2009.
- Safety-related equipment tests that require authorization to use chemicals or connection to SNM lines to perform the test are as follows:
 1. N301VALVEBA2A11
 2. N301VALVEBA2B11
 3. N301VALVEBA2E23
 4. N301VALVEBA2E24
 5. N301VALVEBA4B01
 6. N301VALVEBA5T05
 7. N301VALVEBA5T06
 8. N301PRSLEEVE010

If you or your staff have any questions, require additional information, or wish to discuss this, please contact me, or Ms. Marie Moore, Director of Safety and Regulatory, at (423) 743-1737. Please reference our unique document identification number (21G-09-0087) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.



Timothy E. Lindstrom
Vice President of Operations

JKW/pdj

COPY:
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Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
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