

November 24, 2004

MEMORANDUM TO: Gary S. Janosko, Chief
Fuel Cycle Facilities Branch, FCSS

THRU: John W. Lubinski, Section Chief JAO (for)
Fuel Manufacturing Section
Fuel Cycle Facilities Branch, FCSS

FROM: Kevin M. Ramsey, Project Manager */RA/*
Fuel Manufacturing Section
Fuel Cycle Facilities Branch, FCSS

SUBJECT: GLOBAL NUCLEAR FUEL - AMERICAS, NOVEMBER 16, 2004,
MEETING SUMMARY RE: RESPONSE TO REQUEST FOR
ADDITIONAL INFORMATION CONCERNING INTEGRATED
SAFETY ANALYSIS SUMMARY

On November 16, 2004, the Nuclear Regulatory Commission (NRC) staff and contractors held a closed meeting with Global Nuclear Fuel - Americas (GNFA) to discuss information concerning the independence of controls sharing a common controller, and other issues related to the staff's request for additional information on the Integrated Safety Analysis (ISA) Summary. The meeting participants are listed in Attachment 1.

After introductions, GNFA presented information on the independence of controls sharing a common controller at its site. The presentation is provided in Attachment 2. GNFA noted that its operating conditions have large margins of safety and it has never seen an unsafe failure in its controllers. NRC asked if all the other components in a control loop are independent (i.e., sensor, input card, output card, communication line, and final control element). GNFA responded that, for any specific accident sequence, the other components are independent. It was noted that the same components may be credited in multiple accident sequences. Some NRC staff expressed concern that other components appear to be shared by multiple controls (i.e., valves, motor contactors/relays, etc.) and may be credited in the same accident sequence. Additional on-site review may be needed.

NRC asked if GNFA could provide any data to support the claim that the controller is much more robust than the other components in the control loop (i.e., percent of diagnostic coverage, probability of failure on demand, etc.). GNFA stated that it has data from its own operating experience and some vendor data on mean time between failures. The vendor has been reluctant to provide other data.

The NRC staff discussed the November 30, 2004, due date for responding to the request for additional information. GNFA stated that it may be difficult to meet the due date. NRC stated that it would be willing to consider another time extension.

During 2005 NRC intends to make another site visit to review the ISA for the balance of plant. Any remaining issues from this request for additional information could be addressed at that time.

Docket No.: 70-1113

License No.: SNM-1097

Attachment:

1. Attendees List
2. GNFA Presentation

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- Attachment:
1. Attendees List
 2. GNFA Presentation

DISTRIBUTION:

FCFB r/f Region II D. Seymour Attendees

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OFC	FCFB		FCFB		TSG		FCFB	
NAME	K. Ramsey		J. Muszkiewicz		W. Smith		J. Lubinski	
DATE	11/23/2004		11/23/2004		11/23/2004		11/24/2004	

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**UNITED STATES
NUCLEAR REGULATORY COMMISSION
HEADQUARTERS**

MEETING ATTENDANCE FORM

Subject: Meeting with Global Nuclear Fuel to Discuss Common Controller Issue

Date: 11/16/04 Location: NRC Headquarters, Room T8A1

PLEASE PRINT ALL INFORMATION LEGIBLY

NAME	OFFICE	PHONE NUMBER
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