



CONVERSATION RECORD

5/3/2018

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU See below.		DATE OF CONTACT 04/20/2018	TYPE OF CONVERSATION <input type="checkbox"/> E-MAIL <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING
E-MAIL ADDRESS		TELEPHONE NUMBER (888) 447-9153	

ORGANIZATION Global Nuclear Fuels - America, LLC (GNF-A)	DOCKET NUMBER(S) 71-9294
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LICENSE NUMBER(S)	CONTROL NUMBER(S)
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SUBJECT
NPC Request for Additional Information (RAI) Discussion - Part I

SUMMARY
NRC participants: Chris Allen, John Wise, John McKirgan and Hipolito Gonzalez
GNF-A participants: Lon Paulson, Scott Murray, Christopher Kmiec, Eric Kirstein and Don Hartsock

The discussion of RAI 1.2, which can be found using ADAMS Accession No. ML18107A753, began at approximately 2 P.M. GNF-A had no questions about the RAI, but questioned the necessity of RAI 1.2 based upon the following factors. GNF-A pointed out that the New Powder Container Certificate of Compliance No. 9294 did not allow the presence of free liquids, that the tests performed to validate the package design demonstrated the ability of the NPC package to prevent water from entering the package, and that the uranium tetrafluoride (UF4) would be transported in plastic bottles which would serve as the primary boundary for the contents. GNF-A also discussed the chemical properties of UF4 and a German package authorized to transport UF4. Staff said they were aware of the Certificate of Compliance No. 9294 requirement as well as the testing information in the safety analysis report, but when staff asked GNF-A to identify where the remaining information appeared in the safety analysis report submitted with the application, GNF-A could not provide a location. The NRC made it clear that this lack of information necessitated RAI 1.2. In addition, the NRC encouraged GNF-A to provide any additional information which would help staff evaluate authorizing UF4 for transport in the NPC

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ACTION REQUIRED (IF ANY)

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NAME OF PERSON DOCUMENTING CONVERSATION
Chris Allen

SIGNATURE
William C. Allen

CONVERSATION RECORD (continued)

SUMMARY: (Continued from page 1)

package such as reaction rates of water with UF₄, an estimate of corrosion wastage, and the dryness of the UF₄ presented for transport. In addition, staff reminded GNF-A that the O-ring seal material for the Inner Canister Containment Assembly may not prevent water vapor from entering the Inner Canister Containment Assembly. Staff also encouraged GNF-A to consider the need for the optional Lexan bottle lid as this material is generally considered incompatible with hydrofluoric acid which is produced when UF₄ interacts with water. The call concluded at approximately 2:30 P.M.