August 29, 2006

NOTE TO: FILE

DOCKET NO.:   72-1027

SUBJECT: 7/18/2006, 3:00 PM, CONFERENCE CALL WITH TRANSNUCLEAR,
                 INC. TO DISCUSS PROPOSED RESPONSE TO REQUEST FOR
                 ADDITIONAL INFORMATION NO. 2 FOR AMENDMENT NO. 1 TO THE
                 TN-68 DRY STORAGE CASK

ATTENDEES: NRC   TRANSNUCLEAR

                 Jose Cuadrado   Jayant Bondre
                 Gordon Bjorkman   Peter Shih
                 Bhasker Tripathi   Don Shaw
                 Robert Einziger   Bob Grubb
                                            Miguel Manrique
                                            Nat Cofie
                                            Stan Tang

DISCUSSION:

On July 18, 2006, Spent Fuel Project Office (SFPO) staff held a teleconference with
Transnuclear, Inc. (TN) to discuss TN's proposed response to Request for Additional
Information (RAI) No. 2 for Amendment No. 1 to Certificate of Compliance (CoC) No. 1027 for
the TN-68 Cask, dated April 24, 2006. The discussion centered on the proposed responses to
the structural evaluation questions in the RAI.

RAI Question 3-1:

In response to this question, TN stated that the guidance provided in Interim Staff Guidance
(ISG) No. 2, "Fuel Retrievability," and ISG No. 3, "Post-Accident Recovery and Compliance with
10 CFR 72.122(l)," only requires applicants to demonstrate that fuel will maintain its integrity
under normal and off-normal conditions, specifically excluding accident conditions from this
demonstration. Therefore, TN believes that evaluating the non-mechanistic tip-over event is not
required. SFPO staff stated that it would need additional time to evaluate the applicability of
this guidance to evaluations of damaged fuel integrity.

RAI Question 3-2:

In response to this question, TN stated that it will provide a revised analysis of damaged fuel
integrity that uses new fuel cladding material data, and new flaw size estimates that TN deems
applicable to high-burnup fuel. TN requested the NRC staff to consider a list of the references
containing this data. SFPO staff stated that it will review the content of these reports and
determine the applicability of these. SFPO staff stated it will provide TN a response on this
subject prior to TN's formal submission of its RAI response, if possible.

NOTE TO: FILE

DOCKET NO.:   72-1027

SUBJECT: 7/18/2006, 3:00 PM, CONFERENCE CALL WITH TRANSNUCLEAR,
                 INC. TO DISCUSS PROPOSED RESPONSE TO REQUEST FOR
                 ADDITIONAL INFORMATION NO. 2 FOR AMENDMENT NO. 1 TO THE
                 TN-68 DRY STORAGE CASK

ATTENDEES: <u>NRC</u>   <u>TRANSNUCLEAR</u>

                 Jose Cuadrado   Jayant Bondre
                 Gordon Bjorkman   Peter Shih
                 Bhasker Tripathi   Don Shaw
                 Robert Einziger   Bob Grubb
                                          Miguel Manrique
                                          Nat Cofie
                                          Stan Tang

DISCUSSION:

On July 18, 2006, Spent Fuel Project Office (SFPO) staff held a teleconference with
Transnuclear, Inc. (TN) to discuss TN's proposed response to Request for Additional
Information (RAI) No. 2 for Amendment No. 1 to the TN-68 Cask, dated April 24, 2006. The
discussion centered on the proposed responses to the structural evaluation questions in the
RAI.

RAI Question 3-1:

In response to this question, TN stated that the guidance provided in ISG-2 and ISG-3 only
requires applicants to demonstrate that fuel will maintain its integrity under normal and off-
normal conditions, specifically excluding accident conditions from this demonstration.
Therefore, TN believes that evaluating the non-mechanistic tip-over event is not required.
SFPO staff stated that it would need additional time to evaluate the applicability of this guidance
to evaluations of damaged fuel integrity.

RAI Question 3-2:

In response to this question, TN stated that it will provide a revised analysis of damaged fuel
integrity that uses new fuel cladding material data, and new flaw size estimates that TN deems
applicable to high-burnup fuel. TN requested the NRC staff to consider a list of the references
containing this data. SFPO staff stated that it will review the content of these reports and
determine the acceptability of these. SFPO staff stated it will provide TN a response on this
subject prior to TN's formal submission of its RAI response, if possible.

<u>Distribution</u>:

E:\Filenet\ML062420084.wpd

OFC	SFPO	E	SFPO		SFPO		SFPO		SFPO	
NAME	JCuadrado		EZiegler		CRegan					
DATE	08/29/06		08/29/06		08/29/06					

C = COVER   **E = COVER & ENCLOSURE**   **N = NO COPY**