



## CONVERSATION RECORD

04/26/2017

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Virginia Electric and Power Company (Dominion)

DATE OF CONTACT

04/10/2017

TYPE OF CONVERSATION

☐

E-MAIL

☒

TELEPHONE

☐

INCOMING

☒

OUTGOING

E-MAIL ADDRESS

TELEPHONE NUMBER

ORGANIZATION

Virginia Electric and Power Company (Dominion)

DOCKET NUMBER(S)

72-16

LICENSE NUMBER(S)

SNM-2507

CONTROL NUMBER(S)

L25121

SUBJECT

Follow-up to April 6, 2017, call to discuss information submitted by Dominion on February 28, 2017, regarding North Anna Power Station (NAPS) Independent Spent Fuel Storage Installation (ISFSI) license renewal application.

SUMMARY

Virginia Electric and Power Company (Dominion) attendees: Diane Aitken, Alan Ford, Brian Wakeman, Jim Williams

NRC attendees: Kristina Banovac, Zhian Li

A teleconference was held between NRC and Dominion as a follow-up to the April 6, 2017, call to discuss Dominion's February 28, 2017, submittal of additional information on the NAPS ISFSI license renewal application (ML17065A248).

The purpose of the call was to clarify information discussed in the April 6, 2017, call.

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ACTION REQUIRED (IF ANY)

There were no actions identified during the call. The NRC will consider the clarifications provided during the call as it continues its review of the NAPS ISFSI renewal application.

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NAME OF PERSON DOCUMENTING CONVERSATION

Kristina Banovac

SIGNATURE

## CONVERSATION RECORD (continued)

SUMMARY: (Continued from page 1)

During the April 6, 2017, call, NRC and Dominion discussed the flux-to-dose-rate conversion factors used in the output files from calculation PA-0181, Rev. 0., and whether the 1977 or 1991 version of ANSI/ANS-6.1.1 was used. The 1991 version of this standard was withdrawn, and NRC currently accepts the conversion factors from the 1977 version of the standard in ANSI/ANS-6.1.1-1977.

Dominion noted that following the April 6, 2017, call, they reviewed the calculation to determine if the conversion factors from the 1991 version if the standard were used, and if so, they planned to revise the calculation to use the correct conversion factors from the 1977 version of the standard.

Dominion explained their analysis of the information in the output files and noted a discrepancy between the units used in the calculation output files (mrem/hr/flux) versus the units used in the ANSI standard (rem/hr/flux). They also noted that they use the source multiplier in FM4 to scale up to 32 fuel assemblies, which comes from Table 5.2-4 of the TN-32 Final Safety Analysis Report, Rev. 0. Therefore, the difference in units accounts for the confusion regarding whether the 1991 version of the standard was used. Dominion confirmed that the correct conversion factors from the 1977 version of the standard (ANSI/ANS-6.1.1-1977) were indeed used in the calculations.