



CONVERSATION RECORD

11/24/15

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU Glenn Mathues, Licensing Engineer for Transportation, et al.		DATE OF CONTACT 11/9/2015	TYPE OF CONVERSATION <input type="checkbox"/> E-MAIL <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input type="checkbox"/> OUTGOING
E-MAIL ADDRESS glenn.mathues@areva.com		TELEPHONE NUMBER (410) 910-6538	

ORGANIZATION AREVA TN	DOCKET NUMBER(S) 71-9233
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LICENSE NUMBER(S) N/A	CONTROL NUMBER(S) N/A
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SUBJECT
11/9/15, 1:00 PM-CONFERENCE CALL-DISCUSS SHIELDING RAI NO. 1 RESPONSE FOR MODEL NO. TN-RAM TO INCREASE THE Ci CONTENT AND HEAT LOAD (DOCKET NO. 71-9233)(TAC NO. L25002)

SUMMARY
Attendees:

AREVA TN:
1. Philippe Pham, Nuclear Manager, Criticality and Shielding
2. Jibu Abraham, Design Project Engineer
3. Peter Vescovi, Project Manager, Engineering and Licensing
4. Jay Thomas, Project Manager, Fuel Cycle Services Business Line
5. Jordan McKillop, Nuclear Analyst, Criticality and Shielding
6. Glenn Mathues, Licensing Engineer for Transportation

NRC:
1. Veronica Wilson, Technical Reviewer, Criticality Safety
2. Norma Garcia Santos, Project Manager

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ACTION REQUIRED (IF ANY)
AREVA TN agree to provide a supplement to the RAI responses in order to answer the staff's questions discussed during this meeting.

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NAME OF PERSON DOCUMENTING CONVERSATION
Norma Garcia Santos and Veronica Wilson

SIGNATURE

CONVERSATION RECORD (continued)

SUMMARY: (Continued from page 1)

On November 9, 2015, NRC and AREVA TN (the applicant) participated on a phone call to clarify responses to requests for additional information (RAIs) related to the Shielding Evaluation for the Model No. TN-RAM (TN-RAM) amendment request to:

1. increase in Ci content from 14K Ci to 30K Ci "or equivalent," and
2. increase in heat load from 300 watts to 500 watts

The staff received the RAI responses by letter dated October 8, 2015.

This call was a follow-up to the call held on 10/22/2015 (ML15296A063).

The staff discussed AREVA TN's response to RAIs related to the shielding evaluation.

Staff and applicant calculations both showed that the difference in dose rates from differences in source distribution from a more concentrated to a fully distributed source are negligible. The applicant will provide these results as a follow-up on RAI 5-5.

The applicant stated that they would provide additional streaming analyses to address the RAI 5-7.

In the phone call on 10/22/2015 the applicant stated that they would be refining the control blade model and keep this as a specific content. During the call on 11/9/2015 the applicant stated that the control blades would be able to be shipped using the uniformly distributed stainless steel content.

The staff was concerned about using the mass of B4C in the specific activity limit as it does not attenuate as much as stainless steel. The applicant stated that they would derive a loading limit that neglected the mass of the B4C. Staff was also concerned about the possible non uniform activation of the control rod blades. The applicant stated that it would submit something that addressed this concern.