

NRC FORM 699 (9-2003)		U.S. NUCLEAR REGULATORY COMMISSION		DATE 02/12/2009
<b>CONVERSATION RECORD</b>				TIME 3:30pm
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU <b>Tony Patko, Tom Danner, Holger Pfifer</b>		TELEPHONE NO. 678-328-1274	TYPE OF CONVERSATION <input type="checkbox"/> VISIT <input type="checkbox"/> CONFERENCE <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING	
ORGANIZATION <b>NAC International</b>		SUBJECT <b>Boral testing during fabrication of MAGNASTOR casks</b>		
SUMMARY (Continue on Page 2)				
NRC Participants: Eric Benner, Robert Einziger, Earl Love, Michel Call, Carl Withee, Larry Campbell, Matt Gordon, Shana Helton				
Purpose of call: Discuss testing requirements of the Boral material during the fabrication of the MAGNASTOR storage casks.				
Discussion: NAC is currently in production with a lead test basket for the MAGNASTOR cask. It is being produced for demonstration purposes, but NAC believes it could be used as the first in-service basket for the upcoming loading at the Duke ISFSI.				
The MAGNASTOR technical specifications invoke a significant additional acceptance and qualification testing program for Boral that is much more extensive than industry practice as well as what is required for the UMS and MPC storage casks. The technical specifications require a testing program for Boral, a neutron absorber that only taked 75% credit for the boron, that is as extensive as the testing program for other neutron absorbers (e.g., borated aluminum) that take 90% credit for the boron.				
NAC stated that they concluded that a 72.48 could not be performed to change the testing requirements for the Boral, since it was in the technical specifications. They were interested in their regulatory options for changing the Boral testing requirements to only require the wet chemistry (rather than neutron attenuation) tests. NAC additionally stated that they did not want to go with an exemption, but that they would like to fabricate the casks using the wet chemistry tests in support of the Duke loading in the late 2010 timeframe.				
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ACTION REQUIRED NRC to get back to NAC on schedule options				
NAME OF PERSON DOCUMENTING CONVERSATION <b>Shana Helton</b>		SIGNATURE 	DATE 02/19/2009	
ACTION TAKEN				
TITLE OF PERSON TAKING ACTION		SIGNATURE OF PERSON TAKING ACTION		DATE

**CONVERSATION RECORD (Continued)**

SUMMARY (Continue on Page 3)

**NAC will be amending the MAGNASTOR certificate (72-1031) later this year to address damaged fuel, and may include the Boral testing change with that request, if the Boral amendment would not be handled in an expedited manner.**

**The NRC stated that the license amendment would likely be a priority 4, and that rulemaking takes 6 months, which would not likely be accelerated for this amendment. The NRC staff committed to discussing the issue with management, and responding to NAC with the likely schedule for an amendment to change the boral testing requirements.**

**END OF CONVERSATION RECORD - NO CONTINUATION ON PAGE 3.**

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