

## Allen, William

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**From:** Steven Sisley <ssisley@energysolutions.com>  
**Sent:** Tuesday, October 28, 2014 8:21 AM  
**To:** Allen, William  
**Cc:** Robert D. Quinn  
**Subject:** RE: Phone Call

Chris,

The statement that Mr. Quinn made on the call was in regards to the material test required by Section 8.1.5.2 of the SAR. To clarify, the O-rings are required to be made from a compound that has been qualified based on hardness, low temperature compatibility, permeability, and temperature-pressure testing. These tests would be done by a qualified O-ring supplier or testing organization, not EnergySolutions. The O-rings are also required to be leakage rate tested for fabrication acceptance, period and maintenance. EnergySolutions, or our approved suppliers, perform these tests, as required. Also, the pre-shipment leakage rate tests are required to be performed by the cask users, which includes EnergySolutions.

Please let me know if we need to discuss this further.

Regards,

Steve

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**From:** Allen, William [<mailto:William.Allen@nrc.gov>]  
**Sent:** Monday, October 27, 2014 6:57 AM  
**To:** Steven Sisley  
**Subject:** RE: Phone Call

Maybe. During the phone call, I thought Mr. Quinn said that EnergySolutions doesn't test the containment boundary seals. In discussions after the phone call, the materials reviewer said he heard that EnergySolutions does perform tests on the seals. Is one of us right and the other wrong, or are we both right and the tested components different?

Thanks.

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**From:** Steven Sisley [<mailto:ssisley@energysolutions.com>]  
**Sent:** Monday, October 27, 2014 9:53 AM  
**To:** Allen, William  
**Cc:** Robert D. Quinn  
**Subject:** Re: Phone Call

Not available today. I'm traveling. I'm in meetings all week in the Baltimore area. Perhaps we can talk when I have a break. Is this something we can clarify by email?

Sent from my iPhone

On Oct 27, 2014, at 6:45 AM, "Allen, William" <[William.Allen@nrc.gov](mailto:William.Allen@nrc.gov)> wrote:

There was some confusion on our part last Friday about what who performs tests on the containment boundary seals. Are you available for a short phone call this afternoon about 4 P.M. (1 P.M. your time)?

Thanks, Chris