

From: Guzman, Richard
Sent: Tuesday, September 29, 2015 10:05 AM
To: Wanda D Craft (Generation - 6)
Subject: RE: Amendment 262 for MPS3 RWST Temperature change LAR

Follow Up Flag: Follow up
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Wanda,

The staff has reviewed your 9/23/15 message and acknowledges that the containment structural design temperature value of 296°F on page 5 of the safety evaluation dated July 27, 2015 was indeed in error. As per FSAR Table 6.2-3, the liner design temperature is 280°F. The statement in question should be revised to read as follows:

“The containment maximum and minimum internal design pressure is 45 psig [pounds per square inch gauge] and 8.00 psia respectively, and the structural design temperature of the containment liner is 280°F.”

Please consider this e-mail as documentation of the error as stated above. This communication will be added to ADAMS as an official agency record.

Thanks,

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**Rich Guzman**  
**Sr. Project Manager**  
**NRR/DORL**  
**US NRC**  
**301-415-1030**

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**From:** Wanda D Craft (Generation - 6) [<mailto:wanda.d.craft@dom.com>]  
**Sent:** Wednesday, September 23, 2015 3:52 PM  
**To:** Guzman, Richard  
**Subject:** [External\_Sender] Amendment 262 for MPS3 RWST Temperature change LAR

Rich,

As we discussed, during review of Amendment 262 related to the MPS3 RWST Temperature Change dated July 27, 2015, DNC noted a value for the containment structural design temperature that may be of concern. The first full sentence on page 5 of the SE states, “The containment maximum and minimum internal design pressure is 45 psig [pounds per square inch gauge] and 8.00 psia respectively, and its structural design temperature is 296°F.” The concern is the 296°F value. DNC has reviewed the LAR and associated RAIs and the stretch power uprate submittal and did not find a reference to this value.

Does the 296°F value refer to the containment liner temperature? The calculations of containment liner temperatures in the MPS steam line break and LOCA containment analyses do not exceed 296°F.

The containment liner temperature listed in the FSAR is 280°F. Either value for a liner temperature is acceptable for consistency with the results of the steam line break and LOCA containment analyses.

However, the containment vapor temperature is approx. 350°F for the steam line break, which is used to define the EEQ profile. Please explain the 296°F value.  
If you have any questions, please let me know. Thanks.

Wanda D. Craft  
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