AP1000DCDFileNPEm Resource

From: Loza, Paul G. [lozapg@westinghouse.com]
Sent: Thursday, October 15, 2009 9:28 AM
To: Clark, Phyllis
Cc: Behnke, Donald H.
Subject: Acknowledgement of RAI-SRP15.0-SRSB-07

Hi Phyllis,

I acknowledge receipt for Westinghouse of RAI-SRP15.0-SRSB-07 below.

Thanks,

Paul

RAI-SRP15.0-SRSB-07

In DCD Rev. 15, subsection 15.0.3.3, it was stated that the axial power shape used in the DNB calculation is the 1.55 chopped cosine, as discussed in subsection 4.4, for transients analyzed at full power …. Subsection 4.4.4.3.2 states that the reference axial shape used in establishing core DNB limits is a chopped cosine with a peak-to-average value of 1.61. In DCD Revision 17, subsection 15.0.3.3 is revised by deleting the "1.55" axial power shape peak value, and therefore eliminate the discrepancy with the 1.61 value discussed in subsection 4.4.4.3.2.

Please confirm that the existing DCD Chapter 15 safety analyses of all DNB transients were performed with the axial peaking factor of 1.61. If the existing analyses were performed with the axial peaking factor of 1.55, provide justification on the validity of these safety analyses.

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Recipients:
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Tracking Status: None
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>
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