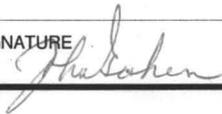


NRC FORM 699 (9-2003)		U.S. NUCLEAR REGULATORY COMMISSION		DATE <b>02/25/2009</b>
<b>CONVERSATION RECORD</b>				TIME <b>1:30pm</b>
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU <b>T Morin , John Griffiths</b>		TELEPHONE NO. <b>856-797-0900</b>	TYPE OF CONVERSATION	
ORGANIZATION <b>Holtec International</b>			<input type="checkbox"/> VISIT	
SUBJECT <b>Clarification of temperature measurement requirements for ensuring adequate drying of fuel after placement in a Multipurpose Cannister</b>			<input type="checkbox"/> CONFERENCE	
			<input checked="" type="checkbox"/> TELEPHONE	
			<input type="checkbox"/> INCOMING	
			<input checked="" type="checkbox"/> OUTGOING	
<p>R Einzinger and J Goshen observed during a review of HI-STORM 100 CoC Appendix A, SR 3.1.1.1, Appendix B, section 3.6, and the FSAR Appendix 2.B, "The Forced Helium Dehydration (FHD) System" that there appeared to be an inconsistency in the measurement method to used to verify fuel dryness after placement in the MPC. This applies to CoC amendments 1-5.</p> <p>The acceptance criteria in Amendment 1 is - " For those MPCs containing fuel assemblies of any authorizing burnup, while using the recirculating helium method to dehydrate the MPC cavity, verify that the gas temperature exiting the demoisturizer is <math>\leq 21^{\circ}\text{F}</math> for <math>\geq 30</math> minutes." This is consistent with App. B section 3.6 and the FSAR Rev 1, Appendix 2.B.</p> <p>In CoC Amend. 2, the criteria was changed to "gas temperature exiting the demoisturizer shall be <math>\leq 21^{\circ}\text{F}</math> for <math>\geq 30</math> minutes or gas dew point exiting the MPC shall <math>\leq</math> be less than or equal to <math>22.9^{\circ}\text{F}</math> for <math>\geq 30</math> minutes" in the appropriate sections of App. A and B. In Rev 3 of the FSAR, Table 2.01 and 2.B.2 (iv) were changed to be consistent with the CoC. Section 2.B.4. d. was not changed and only has the first requirement.</p> <p>From a review of the FSAR it is difficult to determine where and under what conditions the actual measurement of the gas temperature exiting the demoisturizer was taken. The staff had believed that the gas dew point measurement was the preferred method because of inconsistencies that could occur in the first type of measurement.</p> <p>Holtec stated that a detailed, comprehensive procedure is required to be used by a certificate holder that specifies the exact requirements for taking the gas temperature exiting the demoisturizer. Additionally, Holtec ensures that the certificate holder is properly trained by observing the first use of the EHD system. The details of the procedure are not provided in the FSAR because this level of detail is not normally included in an FSAR.</p> <p>The staff requested that Holtec review FSAR Appendix 2.B and correct it if necessary.</p>				
ACTION REQUIRED None				
NAME OF PERSON DOCUMENTING CONVERSATION <b>John Goshen</b>		SIGNATURE 	DATE <b>02/25/2009</b>	
ACTION TAKEN				
TITLE OF PERSON TAKING ACTION		SIGNATURE OF PERSON TAKING ACTION	DATE	