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January 29, 2013

John Goshen, P.E., Project Manager – Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
ATTN: USNRC Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Docket No. 72-1014
Certificate of Compliance (CoC) No. 1014

Subject: Request for Sandia National Laboratory (SNL) Experimental Data

References: [1] Revised Public Meeting Notice for the Wednesday, January 16, 2013 meeting with Holtec International to discuss the HI-STORM 100 Amendment Request No. 9 Thermal Analysis dated January 10, 2013

Dear Mr. Goshen,

At the referenced public meeting, NRC discussed a thermal-hydraulic experiment performed at SNL for a 17 X 17 PWR fuel assembly. The staff concluded that a viscous resistance factor of about one million ($1/m^2$) adequately captures the fuel assembly pressure drop, as measured in the SNL experiment.

Holtec requests the NRC to provide us this SNL experimental data and supporting information, such as assumptions and testing set-up, as soon as possible. Holtec will assess the information and consider it as we develop our updated analysis in support of our HI-STORM License Amendment Request #9.

If you have any questions, then please contact me at 856-797-0900, ext. 3876.

Sincerely,

Terry Sensue
Licensing Manager
Holtec International

cc: Christian Araguas, USNRC
Michele Sampson, USNRC

Holtec Group 1
HUG Licensing Subcommittee

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