HITACHI

GE Hitachi Nuclear Energy

James F. Harrison

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MFN 13-072 Supplement 1
March 3, 2014

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: Additional Utility Support for NEDE-33766P, "GEH Simplified Stability Solution (GS3)"

As noted in Reference 1, GE-Hitachi Nuclear Energy Americas LLC (GEH) is transmitting two additional letters from utilities documenting support for the review of licensing topical report (LTR) NEDE-33766P, Revision 0, "GEH Simplified Stability Solution (GS3)" and documenting the intent to implement the GS3 solution when approved by the U.S. Nuclear Regulatory Commission.

Specifically, Southern Nuclear Operating Company (SNC) has indicated a desire to implement GS3 in concurrence with the Hatch 2 Reload 23 in the Spring of 2015, pending successful approval of GS3 by the NRC. This is similar to the request stated in the Exelon letter contained in Reference 1 regarding the implementation at the Clinton plant in Spring of 2015.

If you have any questions, please contact me.

Sincerely,

James F. Harrison
Vice President, Fuel Licensing
Regulatory Affairs
GE-Hitachi Nuclear Energy Americas LLC

Project No. 710

No commitments are made in this letter or its enclosures.

Enclosure:

1. Additional Utility Support Letters

Reference:

1. Letter, James F. Harrison (GEH) to Document Control Desk, 'Licensing Topical Report NEDE-33766P and NEDO-33766, "GEH Simplified Stability Solution (GS3)'," MFN 13-072, September 10, 2013.

cc: SS Philpott, US NRC
J Golla, US NRC
JG Head, GEH/Wilmington
PL Campbell, GEH/ Washington
JG Anderson, GEH/Wilmington
J Vedovi, GEH/Wilmington
CL Heck, GEH/Wilmington
PT Tran, GEH/Vallecitos
PLM Specification 000N5725 R0

ENCLOSURE 1

MFN 13-072 Supplement 1

Additional Utility Support Letters

DTE Energy Company
6400 North Dixie Highway
Newport, MI 48166

September 11, 2013

J. Michael Downs
GNF Customer Projects
3901 Castle Hayne Rd.
Wilmington, NC 28401

Subject: Fermi 2 Intention to Implement GE Hitachi Simplified Stability Solution

Mr. Downs,

I am writing you to communicate DTE Energy Company's interest in the review of Licensing Topical Report NEDE-33766P for the GE Hitachi Simplified Stability Solution (GS3). At DTE Energy's Fermi 2 Power Plant, we believe that GS3 represents a significant improvement over the current stability methodology and plan to implement this new stability option as soon as final NRC approval is obtained. GS3 will have a positive impact on simplified reactor operation. Additionally, a lower stability based Operating Limit Minimum Critical Power Ratio can be leveraged to reduce fuel cost which benefits our ratepayers.

It is our desire that the review of this submittal receive an appropriately high level of priority by the NRC.

Regards

Paul Kiel

Core Design and Fuel Economics
Technical Expert - Reactor Engineering
Fermi 2 Power Plant

Southern Nuclear Operating Company
P.O. Box 1295
Birmingham, AL 35201

Tel. 205.992.5000

October 09, 2013

CAH-13-052
NA-3201

Mike Downs
Lead – GNF-A Customer Projects
Global Nuclear Fuel – Americas, LLC
3901 Castle Hayne Road, M/C J32
Wilmington, North Carolina 28402-0780

NRC REVIEW OF GE HITACHI SIMPLIFIED STABILITY SOLUTION (GS3)

Dear Mr. Downs:

I am writing you to communicate Southern Nuclear Operating Company's (SNC) interest in the review of Licensing Topical Report (LTR) NEDE-33766P for the GE Hitachi Simplified Stability Solution (GS3). SNC believes that GS3, as defined in this submittal, represents a significant improvement over the current Option III stability methodology. SNC intends to implement this new stability option as soon as final Nuclear Regulatory Commission (NRC) approval is obtained. SNC plans to transition to the GNF2 fuel design beginning with Hatch-2 Reload 23 in the spring of 2015. At that time, it is anticipated that stability will set the reload MCPR operating limit and directly impact design and operating flexibility.

It is SNC's desire that the review of this submittal receive an appropriately high level of priority by the NRC. As demonstrated with SNC's commercial commitment to GS3, SNC desires to implement GS3 in concurrence with Hatch-2 Reload 23 in the spring of 2015 pending successful approval of GS3 by the NRC. Please communicate SNC's desires and intention to the appropriate parties at the NRC.

Should you have any questions, please contact me at 205-992-7350.

Best Regards,

R. K Cocherell

R. G. Cocherell
Nuclear Fuel Director

RGC:jdc/ckf

cc:

Southern Nuclear	GNF-Americas	GE-Hitachi
J. D. Chavers	V. S. Perry	R. H. Jacobs
K. G. McElroy		J. Vedovi
J. B. Williams		