

February 11, 2008

Andrew A. Lingenfelter, Manager
GNF Engineering
Global Nuclear Fuels - Americas, LLC
P.O. Box 780, M/C F12
Wilmington, NC 28402

SUBJECT: FINAL SAFETY EVALUATION FOR GLOBAL NUCLEAR FUEL (GNF)
AMENDMENT 30 TO TOPICAL REPORT (TR) NEDE-24011P-A/
NEDO-24011-A, "GENERAL ELECTRIC STANDARD APPLICATION FOR
RELOAD FUEL (GESTAR II)" (TAC NO. MD5742)

Dear Mr. Lingenfelter:

By letter dated May 11, 2007, GNF submitted Amendment 30 to TR NEDE-24011P-A/
NEDO-24011-A, entitled "General Electric Standard Application for Reload Fuel (GESTAR II)" to
the U.S. Nuclear Regulatory Commission (NRC) staff for review.

The NRC staff has found that Amendment 30 to GESTAR II is acceptable for referencing in
licensing applications for General Electric-designed boiling water reactors to the extent specified
in the enclosed final SE. The final SE defines the basis for acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat
our review of the acceptable material described in the TR. When the TR appears as a reference
in license applications, our review will ensure that the material presented applies to the specific
plant involved. License amendment requests that deviate from this TR will be subject to a plant-
specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that GNF publish
accepted proprietary and non-proprietary versions of this TR within three months of receipt of
this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the
title page. Also, they must contain historical review information, including NRC requests for
additional information and your responses. The accepted versions shall include a "-A"
(designating accepted) following the TR identification symbol.

A. Lingenfelter

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If future changes to the NRC's regulatory requirements affect the acceptability of this TR, GNF and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

/RA/

Ho K. Nieh, Deputy Director
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 712

Enclosure: Final SE

cc w/encl: See next page

A. Lingenfelter

-2-

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DATE	1/11/08	2/5/08	2/5/08	2/6/08	2/7/08	2/11/08

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SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
AMENDMENT 30 TO TOPICAL REPORT NEDE-24011P-A/NEDO-24011-A
“GENERAL ELECTRIC STANDARD APPLICATION FOR RELOAD FUEL (GESTAR II)”
GLOBAL NUCLEAR FUEL (GNF)
PROJECT NO. 712

1.0 INTRODUCTION AND BACKGROUND

By letter dated May 11, 2007, GNF submitted Amendment 30 to Topical Report (TR) NEDE-24011P-A/NEDO-24011-A, entitled “General Electric Standard Application for Reload Fuel (GESTAR II)” to the U.S. Nuclear Regulatory Commission (NRC) staff for review (Agencywide Documents Access and Management System (ADAMS) Accession No. ML071370095). The changes in Amendment 30 are administrative in nature and include updated revision references and addition of new approved codes.

2.0 EVALUATION

The NRC staff has evaluated each of the proposed changes below.

Add Reference to TR NEDC-33173P to Sections S.5 and S.5.2

This change revises Sections S.5 and S.5.2 to reflect approval of NEDC-33173P, “Applicability of GE Methods to Expanded Operating Domains,” and adds the TR as Reference S-102 in Section S.6 of GESTAR II. This TR has been previously reviewed and approved (ADAMS Package Accession No. ML073340231). The NRC staff agrees that adding this reference is an administrative change and, therefore, is acceptable.

Hope Creek Loss-of Coolant Accident (LOCA) Analysis Reference Updated

This change revises Reference S-60 in Section S.6 and Table S-5 to correct the Hope Creek LOCA analysis, which was out-of-date. The NRC staff agrees that change is administrative and, therefore, is acceptable.

3.0 CONCLUSION

Based on the above, the NRC staff finds that the proposed changes are administrative and therefore are acceptable and appropriate for inclusion in Amendment 30 to TR NEDE 24011-P-A.

Principle Contributor: M. Honcharik

Date:

ENCLOSURE

Global Nuclear Fuel

Project No. 712

cc:

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08/08/07