

May 4, 2016

Mr. Brandon Haugh
Studsvik Scandpower, Inc.
300 N. Third St. Suite 400
Wilmington, NC 28401

SUBJECT: ACCEPTANCE FOR REVIEW OF STUDSVIK TOPICAL REPORT
SSP-14-P01/028-TR "GENERIC APPLICATION OF THE STUDSVIK
SCANDPOWER CORE MANAGEMENT SYSTEM TO PRESSURIZED WATER
REACTORS" (TAC NO. MF7273)

Dear Mr. Haugh:

By letter dated December 18, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15355A281), Studsvik Scandpower Inc. submitted for U.S. Nuclear Regulatory Commission (NRC) staff review Topical Report SSP-14-P01/028-TR, "Generic Application of the Studsvik Scandpower Core Management System to Pressurized Water Reactors." The NRC staff has performed an acceptance review of SSP-14-P01/028-TR and found that the material presented is sufficient to begin our comprehensive review. In support of the review and expedited schedule requested by Studsvik Scandpower, the NRC staff requests that the following references be provided:

1. J.D. Rhodes, R. M. Ferrer, and J. Hykes, "CASMO5 A Fuel Assembly Burnup Program User's Manual", SSP-07/431 Rev 8, Waltham, MA, 2013.
2. T. Bahadir, R. M. Ferrer, and J.D. Rhodes, "CMSLINK5 User's Manual", SSP-10/437 Rev 5, Waltham, MA, 2015.
3. S. Vanevenhoven, T. Bahadir, and J.D. Rhodes, "SIMULATE5 User's Manual", SSP-10/438 Rev 5, Waltham, MA, 2015.
4. T. Bahadir, G. Grandi, R.M. Ferrer and J.D. Rhodes, "SIMULATE5 Methodology", SSP-10/465 Rev 3, Waltham, MA, 2014.

The NRC staff expects to issue its request for additional information (RAI) questions by December 30, 2016, and issue its draft safety evaluation (SE) by April 7, 2017. A regulatory audit for the changes and related calculations may be necessary before the issuance of the draft SE. This schedule information takes into consideration the NRC's current review priorities and available technical resources and may be subject to change. If modifications to these dates are deemed necessary, we will provide appropriate updates to this information.

The NRC staff estimates that the review will require approximately 880 hours, including project management and contractor support. This estimate of hours includes the hours already expended on completing this acceptance review. The review schedule milestones and estimated review costs were discussed and agreed to on April 20, 2016, by Mr. Brandon Haugh representing Studsvik Scandpower Inc.

As with all TRs, the SE will be reviewed by the NRC's Office of the General Counsel (OGC) to determine whether it falls within the scope of the Congressional Review Act (CRA). During the course of this review, OGC considers whether any endorsement or acceptance of a TR by the NRC amounts to a rule as defined in the CRA. If this initial review concludes that the SE, with its accompanying TR, may be a rule, the NRC will forward the package to the Office of Management and Budget (OMB) for further review and consideration. Any review by OMB would impact the schedule for the final issuance of the SE.

If you have questions regarding this matter, please contact Jason Drake at 301-415-8378 or via e-mail at Jason.Drake@nrc.gov.

Sincerely,

/RA/

Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 816

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If you have questions regarding this matter, please contact Jason Drake at 301-415-8378 or via e-mail at Jason.Drake@nrc.gov.

Sincerely,

/RA/

Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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