

August 24, 2012

Francesco Corleoni
Studsvik Nuclear AB
Box 556
SE-611 10 Nyköping, Sweden

Dear Mr. Corleoni:

Studsvik Nuclear AB has completed a Loss-of-Coolant Accident (LOCA) research program for the U.S Nuclear Regulatory Commission (USNRC), which was implemented in conjunction with the Organization for Economic Cooperation and Development/Nuclear Energy Agency (OECD/NEA) five-year "Agreement on The OECD/NEA Studsvik Cladding Integrity Project" (hereinafter referred to as SCIP II). One of the products of this research is a short report titled, "NRC LOCA tests at Studsvik, Design and construction of test train device and tests with unirradiated cladding material." The report is designated STUDSVIK/N-11/130.

This report documents the calibration and benchmarking work which (1) provided the background and support necessary to develop confidence in the experimental procedures and measurements before beginning in-cell tests, and (2) provided the support necessary to make quantitative comparisons to similar tests run in the USNRC's research program at Argonne National Laboratory (ANL).

The USNRC intends to make this document available to interested members of the public. At this time, we have no plans to re-publish the document as a USNRC report but we do intend to make the document available electronically through our Publicly Available Records System. It can be accessed by the accession number ML12215A431.

This information also may be of interest to others who are using the results of the USNRC's LOCA tests at Studsvik. Because of this potential interest, we would like you to alert the SCIP members of this publication. This report should be made available on the SCIP II document system and provided to the SCIP II membership. This can be done in conjunction with email correspondence announcing other SCIP II document postings if such a correspondence is planned in the near future.

If you have any questions or concerns about this request, please contact Michelle Flanagan of my staff at michelle.flanagan@nrc.gov or +1 301.251.7547.

Sincerely,

/RA/

Kathy Halvey Gibson, Director
Division of Systems Analysis
Office of Nuclear Regulatory Research
U.S Nuclear Regulatory Commission

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/RA/

Kathy Halvey Gibson, Director
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