FRAMATOME ANP

An AREVA and Siemens company

FRAMATOME ANP, Inc.

October 30, 2002
NRC:02:049

Document Control Desk
ATTN: Chief, Planning, Program and Management Support Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

NRC Review of EMF-2103(P) Revision 0, Realistic Large Break LOCA Methodology for Pressurized Water Reactors

Ref.: 1. Letter, Framatome ANP, Inc. (James F. Mallay) to NRC (Document Control), "Request for Review of EMF-2103(P) Revision 0, Realistic Large Break LOCA Methodology for Pressurized Water Reactors," NRC:01:035, August 20, 2001.

Enclosed are revised pages to be inserted into EMF-2103(P) Revision 0. This revision was developed to reflect two corrections to the calculations performed for the LOFT assessments. The first correction was to the RODEX3 input decks for the LOFT assessments. The RODEX3 code truncates data that exceed 80 columns, and some of the input data went beyond column 80. The second correction was to the zirc-oxide thermal conductivity in S-RELAP5 in which an incorrect unit conversion factor was used.

As a result of making this correction, new PCTs were calculated for the LOFT assessments. The PCT changes ranged from 1°F lower for the L2-3 test to 20°F lower for the LP-LB-1 test. Nearly all the impact was due to the RODEX3 input error. The correction to the zirc-oxide thermal conductivity in S-RELAP5 was insignificant. These minor changes do not affect any of the conclusions in the report. A vertical line in the right hand margin of each revised page signifies the revisions made, which include new plots.

The revised pages will be included in the approved versions of the proprietary and nonproprietary topical reports, which will be issued following NRC approval of the topical report. Since the revised pages do not contain any proprietary information, only non-proprietary pages are enclosed.

Very truly yours,

James F. Mallay/kah

James F. Mallay, Director
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Enclosures

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