

March 16, 2006

APPLICANT: Framatome ANP

PROJECT: EPR PRE-APPLICATION REVIEW

SUBJECT: SUMMARY OF JANUARY 10, 2006, MEETING WITH FRAMATOME ANP
REGARDING EPR PRE-APPLICATION REVIEW TOPICS

On January 10, 2006, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Framatome ANP (FANP). The purpose of this meeting was to discuss planning for Phase 2 of the pre-application review of the Evolutionary Power Reactor (EPR). A list of meeting attendees is included as Attachment 1. Attachment 2 contains handouts FANP provided at the meeting (ADAMS Accession Number ML060690019). A summary of the meeting is provided below.

FANP first presented a proposed meeting schedule for the remainder of 2006. The proposed meetings address items identified in earlier meetings, unique EPR design features, and long lead time items. Additional topics for discussion in 2007 were also identified, though target dates for those meetings have not yet been established. NRC staff feedback emphasized the need for each meeting to have a clear purpose and expected outcome.

FANP then described three topical report submittals it plans for 2006. Two of the planned submittals address aspects of the design basis thermal-hydraulic design, while the third addresses the EPR's severe accident performance. FANP plans to request NRC's review of each report be completed about a year after the submittal, but encouraged the NRC to identify different schedules if required by availability of resources.

The presentation then moved to FANP's proposal for additional submittals during the EPR pre-application review to facilitate early review, resolution, and approval of issues. The stated goal of this proposal is to provide a "head start" for portions of the NRC review of the design certification application, improve the efficiency of NRC review of that application, and to optimize NRC resource utilization.

FANP provided a list of criteria it used for the initial screening of early review candidate topics, and a preliminary schedule for submittals derived from these criteria. During a discussion of the candidate topics, NRC staff asked that FANP consider the risk and benefit of inclusion of a topic. The staff expressed concern that early review of some of the proposed topics would not provide a significant benefit to the eventual design certification review, and that there could be a risk that review effort completed in pre-application would have to be redone if there are design changes affecting that topic. In such an event, FANP's stated goals for early review would not be fulfilled.

After the meeting, FANP revised its list of proposed submittals, providing a revised set of proposed early review topics in a February 3, 2006, letter.

FANP discussed application of the Multinational Design Approval Program (MDAP) to the EPR review. The MDAP is an initiative approved by the Commission to leverage the expertise of the NRC's foreign counterparts in our reactor design reviews. In MDAP Stage 1, the NRC hopes to be able to take advantage of work done to review the EPR in Finland and France. Several topics were identified by FANP as potential topics for MDAP Stage 1, including probabilistic risk assessment, severe accident design features, engineered safety feature design, and fuel design.

Questions regarding this meeting can be directed to Joseph Williams at 301-415-1470, or at jfw1@nrc.gov.

/RA/

Joseph F. Williams, Senior Project Manager
New Reactor Licensing Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

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Joseph F. Williams, Senior Project Manager
New Reactor Licensing Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

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ADAMS ACCESSION NO. ML060740086

OFFICE	PM:NRBA	BC:NRBA
NAME	JFWilliams	LDudes
DATE	03/15/2006	03/16/2006

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WBeckner

LDudes

JWilliams

E-Mail:

PUBLIC

D. Matthews/WBeckner/JCalvo

E. Throm

H. Scott

Y. Hsii

S. Bajorek

G. Bagchi

E. Sullivan

C. Abbott

J. Danna

R. Denning

J. Flack

F. Eltawila

T. Mensah

N. Mamish

bhupinder.singh@hq.doe.gov

tom.miller@hq.doe.gov

bill.ascroft-hutton@hse.gsi.gov.uk

rzentkowskig@cnscccsn.gc.ca

kcrogers@aol.com

mod@inel.gov

jerald.holm@framatome-anp.com

Attendees

EPR Pre-application Meeting

January 10, 2006

Name	Affiliation
Frank Lopez, Jr.	Bechtel
John Polcyn	Bechtel
Joe Mihalcik	Constellation
Mike Milbradt	Constellation
Tom Roberts	Constellation
Joe Turnage	Constellation
George Wrobel	Constellation
Ray Ganthner	Framatome
Ronnie Gardner	Framatome
Alan Levin	Framatome
Brian McIntyre	Framatome
Sandra Sloan	Framatome
John Trotter	Framatome
Alan Beard	General Electric
Jenny Weil	McGraw-Hill
Kathryn Sutton	Morgan Lewis
Francis Akstulewicz	NRC
Sud Basu	NRC
William Beckner	NRC
Steven Bloom	NRC
Jose Calvo	NRC
Jeffrey Jacobson	NRC
Kendra Klump	NRC

Attachment

Name	Affiliation
Mark Kowal	NRC
Bruce Musico	NRC
Eric Oesterle	NRC
Gabriel Taylor	NRC
John Thorp	NRC
Kent Welter	NRC
Joe Williams	NRC
Jerry Wilson	NRC
Michael Woods	NRC
Russ Wells	Parallax
Charles Brinkman	Westinghouse
Donald Lindgren	Westinghouse

EPR

cc:

Mr. David Lochbaum, Nuclear Safety
Engineer
Union of Concerned Scientists
1707 H Street, NW., Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Nuclear Information & Resource Service
1424 16th Street, NW, Suite 404
Washington, DC 20036

Mr. James Riccio
Greenpeace
702 H Street, Suite 300
Washington, DC 20001

Mr. Adrian Heymer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Dr. Jack W. Roe
Nuclear Energy Institute
1776 I Street, NW
Washington, DC 20006-3708

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Jerald S. Holm
Framatome ANP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Ms. Patricia Campbell
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Charles Brinkman, Director
Washington Operations
Westinghouse Electric Company
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852

Mr. Glenn H. Archinoff
AECL Technologies
481 North Frederick Avenue
Suite 405
Gaithersburg, MD. 20877

Mr. Gary Wright, Manager
Office of Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Mr. Ronald P. Vijuk
Manager of Passive Plant Engineering
AP1000 Project
Westinghouse Electric Company
P. O. Box 355
Pittsburgh, PA 15230-0355

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Ms. Kathryn Sutton, Esq.
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

E-Mail:

tom.miller@hq.doe.gov or
tom.miller@nuclear.energy.gov
jerald.holm@framatome-anp.com
mwetterhahn@winston.com
gcesare@enercon.com
eddie.grant@exeloncorp.com
whorin@winston.com
steven.hucik@ge.com
david.hinds@ge.com
chris.maslak@ge.com
james1beard@ge.com
louis.quintana@ge.com