

February 5, 2011

Dr. Said Abdel-Khalik, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: REPORT ON THE FINAL SAFETY EVALUATION REPORT ASSOCIATED WITH
THE AMENDMENT TO THE AP1000 DESIGN CONTROL DOCUMENT

Dear Dr. Abdel-Khalik:

Thank you for your letter of December 13, 2010, in which the Advisory Committee on Reactor Safeguards (ACRS or the Committee) reported on its review of the Westinghouse AP1000 design certification amendment (DCA) concerning safety. The ACRS undertook this review to fulfill the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Section 53, "Referral to the Advisory Committee on Reactor Safeguards (ACRS)."

In its letter, the ACRS concluded that the changes proposed in the AP1000 DCA maintain the robustness of the previously certified design and that there is reasonable assurance that the design can be built and operated without undue risk to public health and safety. The letter also contained a recommendation that the staff should ensure that information and commitments provided by Westinghouse during the course of its meetings with the staff are appropriately documented as part of the DCA. The staff is accomplishing this as part of its closure of confirmatory items as reflected in the December 1, 2010, submittal of Revision 18 of the design control document. The ACRS letter also included comments on a number of topics.

The enclosure to this letter contains the staff responses to those items for which the committee sought specific staff action.

S. Abdel-Khalik

-2-

The staff appreciates the Committee's efforts and suggestions. We thank the ACRS for its time and its valuable input and we look forward to working with the Committee in the future.

Sincerely,

/RA Martin Virgilio for/

R. W. Borchardt
Executive Director
for Operations

Enclosure:
Staff Response to Comments

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
SECY

S. Abdel-Khalik

-2-

The staff appreciates the Committee's efforts and suggestions. We thank the ACRS for its time and its valuable input and we look forward to working with the Committee in the future.

Sincerely,

/RA Martin Virgilio for/

R. W. Borchardt
Executive Director
for Operations

Enclosure:
Staff Response to Comments

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
SECY

DISTRIBUTION: G20100734/LTR-10-0528/EDATS: SECY-2010-0595

Public
RidsAcrcAcnw_MailCTR
RidsNroDnrlNwe2
RidsNroDnrl
RidsNroOd
RidsNroMailCenter
RidsOgcMailCenter
RidsEdoMailCenter

ADAMS Accession No.: ML103560411 (Package) *via email

OFFICE	TECH EDITOR	DNRL/NWE2:LA	DNRL/NWE2:PM	DNRL/NWE2:BC	DNRL: D
NAME	KAzariah-Kribbs*	RButler	DJaffe	EMcKenna DJaffe for	DMatthews FAkstulewicz for
DATE	12/23/2010	01/04/2011	01/05/2011	01/13/2011	01/14/2011
OFFICE	DE: D	DSRA: D	OGC	NRO: D	EDO
NAME	TBergman	CAder	AHodgdon	MJohnson	RWBorchardt (MVirgilio for)
DATE	01/12/2011	01/12/2011	01/06/2011	1/18/2011	2/05/2011

OFFICIAL RECORD COPY