

February 3, 2010

MEMORANDUM TO: Eileen McKenna, Chief
AP1000 Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Billy Gleaves, Senior Project Manager */RA/*
AP1000 Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: CLOSED MEETING WITH WESTINGHOUSE ELECTRIC COMPANY ON
AP1000 DESIGN CERTIFICATION AMENDMENT - SHIELD BUILDING
CONSTRUCTION AND INSPECTION PLANS

DATE & TIME: Monday, February 8, 2010
1:00 p.m. – 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint Building, Room T-6A1
11555 Rockville Pike
Rockville, MD 20852

Parking is limited on site and is only available when arranged thru NRC project managers. We recommend arriving by Metro. Exit Metro at the White Flint Station.

PURPOSE: This technical meeting is to discuss the U.S. Nuclear Regulatory Commission's (NRC) review of the Westinghouse Electric Company's (Westinghouse) application for amendment to the AP1000 Design Certification (DC). Specifically, Westinghouse NRC staff will discuss detailed technical issues related to the construction inspection plans of the shield building proposed as part of the AP1000 DC amendment.

CATEGORY: The staff has determined that the information to be discussed is entirely proprietary or is otherwise sensitive information; therefore the meeting will be closed to the public.

MEETING CONTACT: Billy Gleaves, NRC/NRO
301-415-5848
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PARTICIPANTS: Participants from the NRC include members from the NRC's Office of New Reactors (NRO) and Westinghouse Electric Company.

NRC/NRO

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F. Akstulewicz

E. Cummins

L. Dudes

R. Sisk

E. McKenna

M. Corletti

B. Gleaves

L. Tunon-Sanjur

B. Thomas

S. Altmayer

J. Ma

Westinghouse
Contractors

NRC Contractors

et. al.

et. al.

Enclosure:
As stated

cc w/encl: See next page

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Enclosure:
Agenda

cc w/encl: See next page

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OFFICE	LA:DNRL/NWE2	PM:DNRL/NWE2	BC:DNRL/NWE2
NAME	RButler	BGleaves	EMcKenna
DATE	2/03/2010	2/03/2010	2/03/2010

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AGENDA

**NRC Meeting
Construction and Inspection
February 8, 2010
TWFN 6A1
1 p.m. – 4 p.m.**

AGENDA

TOPIC

INTRODUCTION

CONSTRUCTION PRACTICES

- Construction Management
- Construction Sequence of Shield Building
- Construction Mockup
- Concrete Placement
 - Pre-placement Activities
 - Concrete Receipt, Inspection and Testing
 - Placement Methods

- Weld Criteria
 - Applicable Codes

- Geometric Dimensioning and Tolerancing
- Construction Quality Assurance and Inspection
 - Inspection Plans and Surveillance

POST-PLACEMENT CONCRETE INSPECTION

Critical Defects in Concrete

- Acceptance Criteria

- NDE Technology Survey

- Recommended NDE Application

- NDE Path Forward
 - Demonstration at Purdue
 - W-Waltz Mill Program
 - Construction Mockup Program

Enclosure

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(Revised 01/26/2010)

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