

October 21, 2008

MEMORANDUM TO: Gregory Hatchett, Acting Chief
Environmental Projects Branch 2
Division of Site and Environmental Reviews
Office of New Reactors

FROM: Thomas Fredrichs, Senior Project Manager */RA/*
Environmental Projects Branch 2
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRIP REPORT – CALVERT CLIFFS INTAKE STRUCTURE AND
THIOKOL ALTERNATIVE SITE - OCTOBER 16, 2008

On October 16, 2008, Nuclear Regulatory Commission (NRC) and Pacific Northwest National Laboratory (PNNL) staff traveled to the Calvert Cliffs Site and the Thiokol Alternative Site. At the Calvert Cliffs Site, the staff observed the new location for the cooling water intake structure and fish return. The staff and applicant discussed several issues relevant to the environmental impact statement and safety evaluation report. The topics of discussion and a list of attendees are attached. The staff stated that it would send requests for additional information on several of the discussion topics. The staff indicated that the schedule would likely be impacted due to the need for additional information. The staff then visited the Thiokol Alternative Site and made observations of the local environment, including wetlands.

Docket No.: 05200016

Enclosures:
As stated

CONTACT: Tom Fredrichs, DSER/NRO
(301) 415-5971

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DATE	10/17/08	10/21/08	10/21/08

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THIOKOL ALTERNATIVE SITE VISIT
AND
CALVERT CLIFFS UNIT 3 NEW INTAKE STRUCTURE LOCATION

AGENDA
October 16, 2008

1. New intake structure location
 - a. Discuss design and environmental impacts
 - b. Onsite observation of new location
 - c. Estimate date of revision to environmental report
 - d. Changes to safety evaluation report
2. Unit 3 fish return
3. Status of the prevention of significant deterioration (PSD) evaluation for the cooling tower
4. Thiokol alternative site
 - a. Discuss how the site selection process was used to replace Crane site with Thiokol site
 - b. Discuss how unexploded ordnance (UXO) was factored into the site selection process
 - c. Discuss how the Thiokol site meets the site suitability criteria of Reg. Guide 4.7
 - i. Industrial facilities - UXO
 - ii. Land use
 1. Government land use plans, specialty crops, nearby public use lands
 2. Use restrictions
 - d. Site map showing streams, wetlands, plant footprint, location of UXO, water supply pipelines, transmission lines, and roadways
 - e. Water source and usage requirements
 - f. Terrestrial ecology
 - g. Patuxent River ecology in vicinity of site
 - h. Socioeconomic data: local economy, taxes, housing, recreation, and public services

Attendee List NRC/PNNL Site Visit
October 16, 2008

<u>Name</u>	<u>Affiliation</u>
J. H. Snooks	AREVA
Charlie Uhlarik	CH2M Hill
Cheryl Baker	CH2M Hill
Kate Mayrides	CH2M Hill
David Murphy	Constellation
Dimitri Luthenkov	Constellation
Michael Yox	Constellation
W. R. McCready	Constellation
Henry Jones	NRC
John Rycyna	NRC
Thomas Fredrichs	NRC
Corey Duberstein	PNNL
Mary Ann Parkhurst	PNNL
Mike Fayer	PNNL
Roy Kropp	PNNL
George Wrobel	Unistar
Tom Konerth	Unistar