

April 27, 2010

MEMORANDUM TO: Tim Frye, Branch Chief  
Construction Assessment, Enforcement, and Allegations Branch  
Division of Construction Inspection  
& Operational Programs  
Office of New Reactors

FROM: Kevin Mattern, General Scientist */RA/*  
Construction Assessment, Enforcement, and Allegations Branch  
Division of Construction Inspection  
& Operational Programs  
Office of New Reactors

PARTICIPANTS: Public, Industry, and NRC Staff

SUBJECT: SUMMARY OF APRIL 7, 2010, NRC CONSTRUCTION REACTOR  
OVERSIGHT PROCESS (cROP) CATEGORY 2 PUBLIC MEETING  
WITH THE INDUSTRY AND THE GENERAL PUBLIC

On April 7, 2010, the NRC, Office of New Reactors (NRO), held a public meeting to discuss various topics relating to the Construction Reactor Oversight Process (cROP) development (Agencywide Documents Access and Management System (ADAMS) Accession Number ML100890151). The purpose of the meeting was to update members of the public on the progress of the working group and to solicit feedback from a rounded set of stakeholders regarding process development.

The meeting began with remarks by Tom Kozak of the Division of Construction Inspection and Operational Programs (DCIP). Mr. Kozak briefly described the cROP working group's activities to date along with their planned future interactions with both internal and external stakeholders through Category 2 and 3 public meetings. Tom enumerated the cROP working group milestones, specifically highlighting the issuance of an information SECY paper (ML100550490) that was signed by Mike Johnson, Office Director, NRO, on April 2, 2010. The working group's path forward was initiated via discussions on a Significance Determination Process (SDP) for construction. Tom led discussions through a construction findings flow chart (ML100880415) from Inspection Manual Chapter (IMC) 0613.

Don Dube led discussions on the possibility of risk informing the SDP using various two dimensional risk matrices (ML100960606; ML100970277). Mr. Dube discussed both 3x3 and 3x4 matrices using "degree of nonconformance" on one axis and adding a risk informed quality using "ITAAC ranking" on the other axis. Don noted that the advantage of a 3x4 matrix is that it would allow for findings of lower severity for systems of higher safety significance but very low degree of nonconformance. This method would be less prescriptive and better allow for the variability associated with construction findings.

CONTACT: Kevin Mattern, NRO/DCIP/CAEB  
301-415-6622

A summary of escalated enforcement cases from the previous round of new reactor construction was discussed (ML100880419). These cases were used by the working group to understand the quantity, severity, and type of violations that have previously been documented by NRC inspectors. The working group plans to incorporate these escalated enforcement cases along with the recommendations of NUREG 1055: "Improving Quality and the Assurance of Quality in the Design and Construction of Nuclear Power Plants: A Report to Congress" into the cROP. It was noted that the number of escalated enforcement actions (EA) was fairly small considering the number of reactor construction activities that were underway at that time. It was also pointed out that the escalated enforcement cases outlined here only commence in 1980, which coincides with the issuance of 10 CFR 50 Appendix B as amended in 1975. The severity of construction findings was also discussed, ranging from green to red; however, continued discussions are needed to properly associate construction findings with severity.

A list of meeting attendees is attached. The next cROP Category 2 public meetings will be held on April 28, 2010 and May 26, 2010 from 8 a.m. to 11:30 a.m. in Rockville, MD.

Members of the public were in attendance and Public Meeting Feedback forms were distributed with none returned or submitted according to standard protocols. Please direct any inquiries to me at 301-415-6622, or Kevin.Mattern@nrc.gov.

Enclosures:  
As stated

cc w/encl: See next page

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Tom Bilik	George Gardner	Roger Lanksbury
Bob Lukes	Armando Masciantonio	Bob Latta
Don Dube	Scott Sullivan	

ADAMS Accession Number: ML101060183 NRC-001

OFFICE	NRO/DCIP/CAEB	NRO/DCIP/CAEB:BC
NAME	K. Mattern	T. Frye
DATE	04/26/10	04/27/10

**OFFICIAL RECORD COPY**

**Attendance List**  
**Category 2 Public Meeting (cROP)**  
**Legacy Hotel**  
**April 7, 2010**

**Attendance List**

<b>Name</b>	<b>Organization</b>
<b>Dube, Don</b>	<b>NRC</b>
<b>Fay, Thomas</b>	<b>TANE</b>
<b>Frye, Tim</b>	<b>NRC</b>
<b>Gardner, George</b>	<b>NRC</b>
<b>Gwyn, Dealis</b>	<b>MOX</b>
<b>Hastie, David</b>	<b>Shaw Group</b>
<b>Houghton, Tom</b>	<b>NEI</b>
<b>Jimenez, Jose</b>	<b>NRC</b>
<b>Kadak, Andrew</b>	<b>Exponent</b>
<b>Kozak, Tom</b>	<b>NRC</b>
<b>Latta, Bob</b>	<b>NRC</b>
<b>Lukes, Bob</b>	<b>NRC</b>
<b>Mattern, Kevin</b>	<b>NRC</b>
<b>Meyer, Glenn</b>	<b>NRC</b>
<b>Mookhoek, W. E.</b>	<b>STPNOC</b>
<b>Ray, Thom</b>	<b>Westinghouse</b>
<b>Rice, April</b>	<b>SCE&amp;G</b>
<b>Robillard, Dave</b>	<b>PSEG Nuclear LLC</b>
<b>Rund, Jonathon</b>	<b>Morgan Lewis</b>
<b>Schmitt, Ron</b>	<b>NRC</b>
<b>Taylor, Larry</b>	<b>Progress Energy</b>
<b>Uchiyama, Junichi</b>	<b>Mitsubishi</b>
<b>Waites, Brandon</b>	<b>Southern Company</b>

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(Revised 3/29/2010)

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