

April 23, 2014

MEMORANDUM TO: Glenn M. Tracy, Director
Office of New Reactors

FROM: Michael E. Mayfield, Director */RA/*
Division of Advanced Reactors
and Rulemaking
Office of New Reactors

Scott C. Flanders, Director */RA/ (ACampbell for)*
Division of Site Safety
and Environmental Analysis
Office of New Reactors

SUBJECT: COMPLETION OF NEAR TERM ACTIONS IN RESPONSE TO THE
NEW REACTOR LICENSING PROCESS LESSONS LEARNED
REVIEW: TITLE 10 OF THE CODE OF FEDERAL REGULATIONS
PART 52 REPORT

On May 8, 2014, the staff issued a memorandum Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML14113A314 that included the current status and milestones for the action plans in response to the “New Reactor Licensing Process Lessons Learned Review: 10 CFR Part 52 Report,” dated April 2013 under ADAMS Accession No. ML13059A227 hereafter referred to as the Licensing Lessons Learned Report. In the enclosure to the May 8, 2014 memorandum, the staff identified 21 items to address the lessons in the Licensing Lessons Learned Report. Early in 2015, the staff completed the 18 near term items, as shown in the enclosure. The three remaining items are longer in duration: (1) update Regulatory Guide (RG) 1.206, “Combined License Applications for Nuclear Power Plants (LWR [light-water reactor] Edition),” (2) incorporate Interim Staff Guidance (ISG)-11, “Finalizing Licensing-Basis Information,” into the RG 1.206 update, and (3) update NUREG-1555, “Standard Review Plans for Environmental Reviews for Nuclear Power Plants,” (hereafter referred to as the Environmental Standard Review Plan [ESRP]).

The update to RG 1.206 is scheduled to be completed in FY2017 and is being managed by the Division of Advanced Reactors and Rulemaking (DARR). The RG 1.206 update is scheduled in Enterprise Project Management, has scheduled weekly project meetings included in the DARR tracking system, and is presented during DARR project performance meetings. The incorporation of ISG-11 is part of the RG 1.206 update.

CONTACT: Joe Colaccino, NRO/DARR
(301) 415-7102

The update to the ESRP is scheduled to be completed in early FY2018 and is being managed by the Division of Site Safety and Environmental Analysis (DSEA). Pacific Northwest National Laboratory (PNNL) has been contracted to update the ESRP. Under NRC staff direction, PNNL manages the ESRP update using Primavera project management software and produces monthly reports, which include earned value management information to track the project's status. The ESRP update has an assigned full time project manager in DSEA.

Because all near-term actions in the Licensing Lessons Learned Report have been completed and the three long term actions are being addressed in separate staff projects, DARR will no longer status the Licensing Lessons Learned Report items. Instead, the status of the long term actions mentioned in this memorandum will be tracked in their respective projects.

Enclosure:

Licensing Lessons Learned Report – Action Plan Status

1 The update to the ESRP is scheduled to be completed in early FY2018 and is being managed
 2 by the Division of Site Safety and Environmental Analysis (DSEA). Pacific Northwest National
 3 Laboratory (PNNL) has been contracted to update the ESRP. Under NRC staff direction, PNNL
 4 manages the ESRP update using Primavera project management software and produces
 5 monthly reports, which include earned value management information to track the project's
 6 status. The ESRP update has an assigned full time project manager in DSEA.

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 8 Because all near-term actions in the Licensing Lessons Learned Report have been completed
 9 and the three long term actions are being addressed in separate staff projects, DARR will no
 10 longer status the Licensing Lessons Learned Report items. Instead, the status of the long term
 11 actions mentioned in this memorandum will be tracked in their respective projects.

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 13 Enclosure:
 14 Licensing Lessons Learned Report – Action Plan Status

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 35 **ADAMS ACCESSION NO: ML15091A398** ***via E-mail** **NRO-002**

OFFICE	NRO/DARR/NRGB	NRO/DARR/NRGB	NRO/DARR/NRGB	NRO/DSEA/RENV
NAME	DGalvin*	BAbeywickrama (SGreen for)*	JColaccino*	RWhited*
DATE	04/20/15	04/20/15	04/20/15	04/20/15
OFFICE	NRO/DSEA	NRO/DARR		
NAME	SFlanders	MMayfield		
DATE	04/21/15 (ACampbell for)	04/23/15		

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Licensing Lessons Learned Report – Action Plan Status

ACTION	Lead	Planned Completion
Lesson 1 - Quality of Applications		
Action 1.1: Issue working draft acceptance review OI NRO-REG-100, for the KHNP APR1400 acceptance review	DARR	Complete 9/2013
Action 1.1: Incorporate feedback from KHNP acceptance review and issue revision to OI NRO-REG-100	DARR	Complete 12/2014
Action 1.2: Present acceptance review expectations at NRO all-hands meeting	DARR	Complete 9/2013
Action 1.2: Apply acceptance review criteria in KHNP application	DNRL	Complete 12/2013
Action 1.2: Inform internal and external stakeholders of update to OI NRO-REG-100	DARR	Complete 12/2014
Action 1.3: Conduct KHNP readiness assessment	DNRL	Complete 6/2013
Action 1.3: Develop NRO pre-application readiness assessment guidance	DARR	Complete 10/2014
Lesson 2 - New Reactor Review Guidance		
Actions 2.1 and 2.2: Update RG 1.206	DARR	FY2017
Action 2.3: Conduct integrated regulatory guidance update inquiry in part to verify effectiveness of the SRP update process	DARR	Complete 11/2013
Action 2.3: Evaluate and present the results of the inquiry	DARR	Complete 2/2014
Action 2.4: Update the ESRP, NUREG-1555	DSEA	CY2018
Action 2.4: Issue for use and comment ISG for reactor environmental reviews, COL/ESP-ISG-026 and iPWR environmental reviews COL/ESP-ISG-027	DARR	Complete 9/2013
Action 2.4: Finalize COL/ESP-ISG-026 and COL/ESP-ISG-027	DARR	Complete 9/2014
Lesson 3 - Design Standardization		
Action 3.1: Incorporate ISG-11, "Finalizing Licensing-Basis Information," into the RG 1.206 update	DARR	FY2017
Action 3.2: None		
Lesson 4 - Identification and Resolution of Technical Issues		
Action 4.1: Internally issue "NRO Project Schedule Risk Management Process"	DARR	Complete 5/2013
Action 4.1: Internally issue "Project Performance Meeting Procedure"	DARR	Complete 3/2014
Actions 4.1 and 4.2: See Actions 2.1 to 2.3	DARR	Multiple
Lesson 5 - Knowledge Management		
Action 5.1: Transition to SharePoint 2010 as the operating environment for eRAI to enhance RAI search capabilities	DARR	Complete 4/2013
Action 5.2: Transition to eRAI 2.0 to enhance RAI tracking	DARR	Complete 7/2013
Action 5.2: Update the RAI OI NRO-REG-101	DARR	Complete 7/2014
Lesson 6 - Application Timing and Sequencing		
Action 6.1: Revise rulemaking OI NRO-REG-114, to include the staff's streamlined DC rulemaking approach	DARR	Complete 8/2014
Lesson 7 - Updates to Regulations		
Action 7.1: Issue Commission paper discussing rulemaking effort to address 10 CFR Part 52 lessons learned	DARR	Complete 1/2015

Note: This table is an update of the one included in the May 8, 2014 memorandum, "Status of Action Plans in Response to the New Reactor Licensing Process Lessons Learned Review: Title 10 of the Code of Federal Regulations Part 52 Report," (ML14113A314)