

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
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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.

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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

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

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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)