

Pilgrim Post-Shutdown Decommissioning Activities Report (PSDAR) Public Meeting

January 15, 2019
Plymouth, Massachusetts

Bruce A. Watson, CHP, Chief
Reactor Decommissioning Branch
Office of Nuclear Material Safety and Safeguards

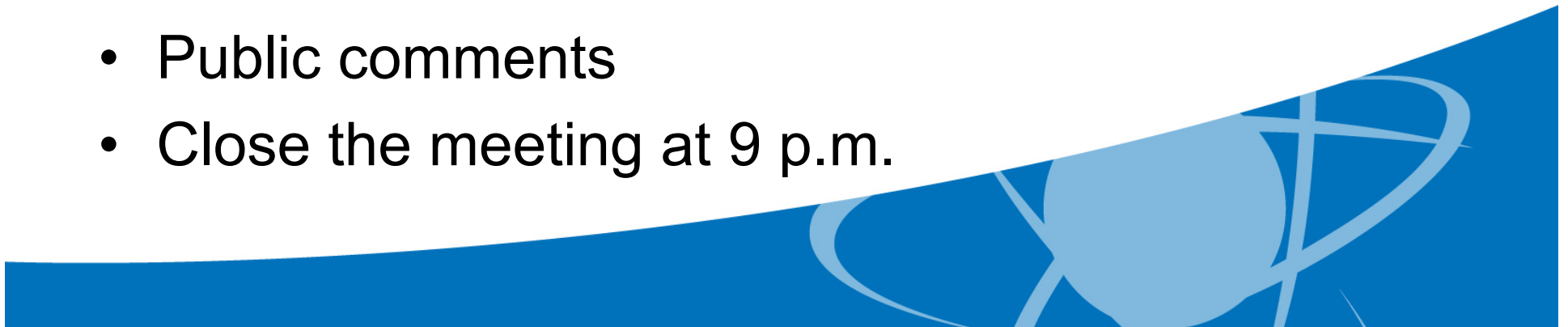
Tonight's meeting is on the proposed decommissioning activities after Pilgrim permanently ceases operation on June 1, 2019. NRC will hold a separate public meeting in March on NRC's assessment of Pilgrim's operating performance.



Agenda

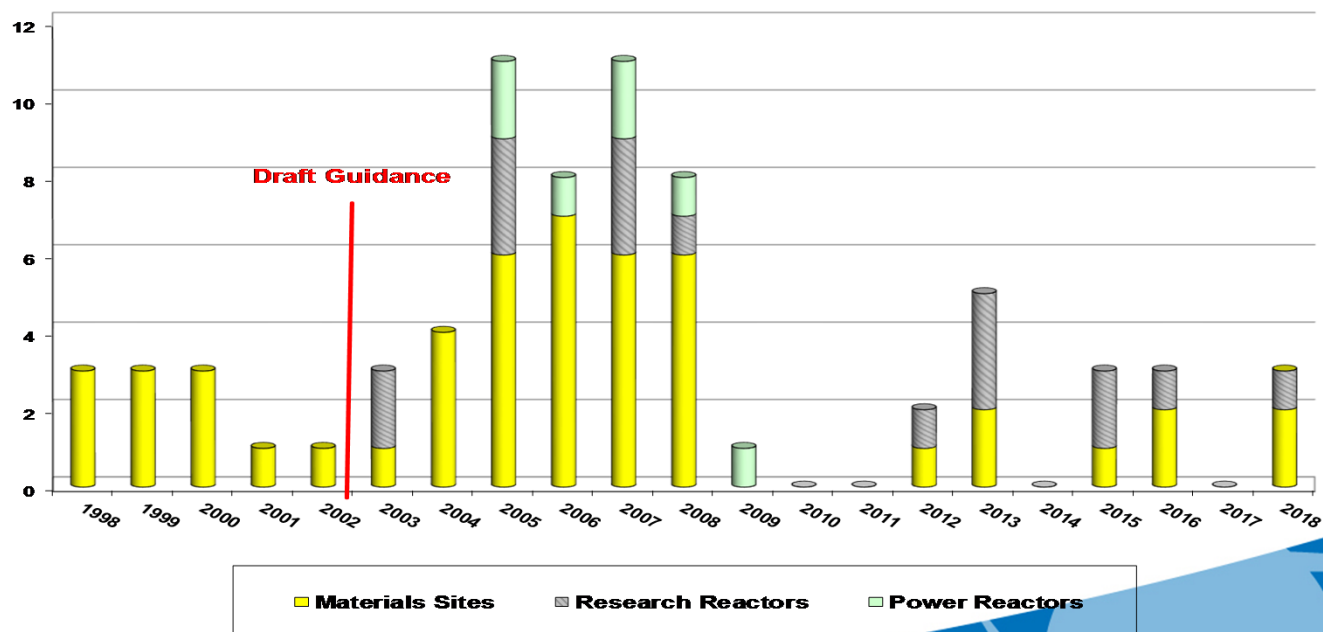


- NRC Category III public meeting to obtain comments on the Entergy PSDAR and on the Holtec International license transfer application and supplemental PSDAR
- Introductions
- NRC presentations
- Entergy and Holtec presentations
- Ground rules
- Public comments
- Close the meeting at 9 p.m.



Decommissioning Experience

- NRC's decommissioning regulations are performance-based and risk-informed
- Extensive decommissioning experience
- A total of 10 power reactor sites have completed decommissioning, had the reactor licenses terminated and released for unrestricted use

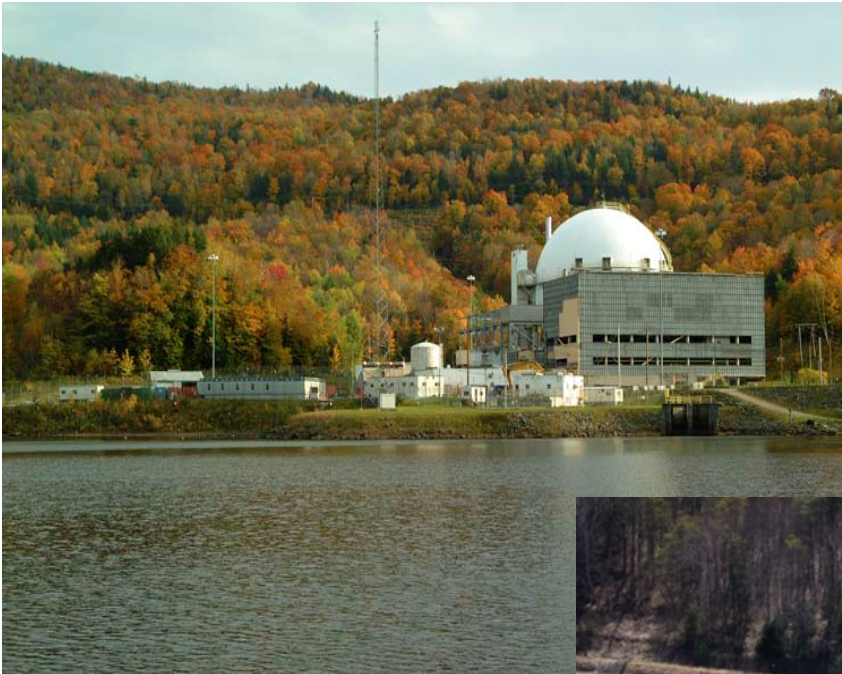


NRC Decommissioning



Yankee Rowe, Rowe Massachusetts

Post-Decommissioning



Reactor Decommissioning Options



- **DECON:** Equipment, structures, etc. are promptly removed or decontaminated to a level that permits radiological release (6 plants in DECON)
- **SAFSTOR:** Plant placed in a safe, stable condition and maintained in that condition until it is subsequently decontaminated to a level that permits radiological release (15 plants in SAFSTOR)
- **Radiological Decommissioning** must be completed within 60 years of permanent cessation of operations

Thank You



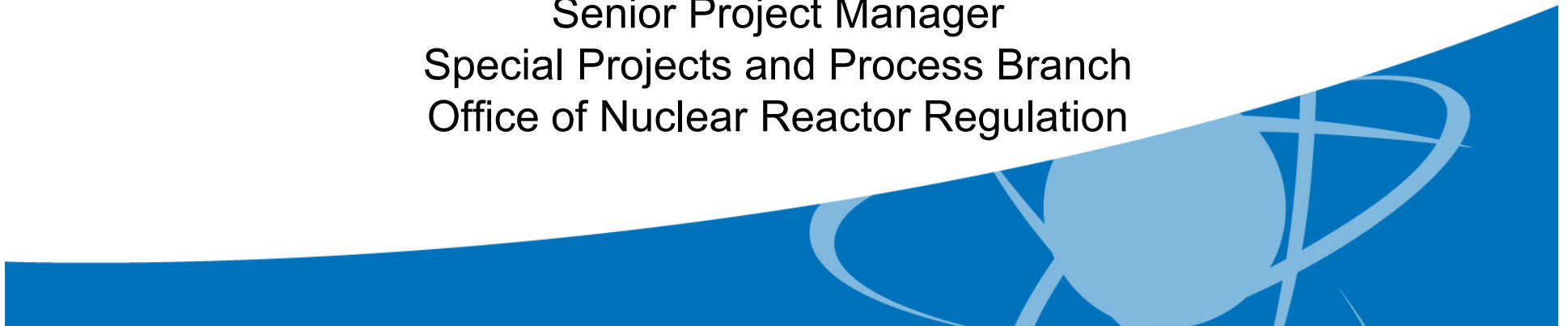
- Reminders
 - ✓ We are here to listen to your comments on the Pilgrim decommissioning
 - ✓ The meeting is being transcribed and the transcript will be publicly available
 - ✓ A meeting summary will be published and will be publicly available
- The NRC staff will do our best to answer your questions



Pilgrim PSDAR and License Transfer Application The NRC Review Process

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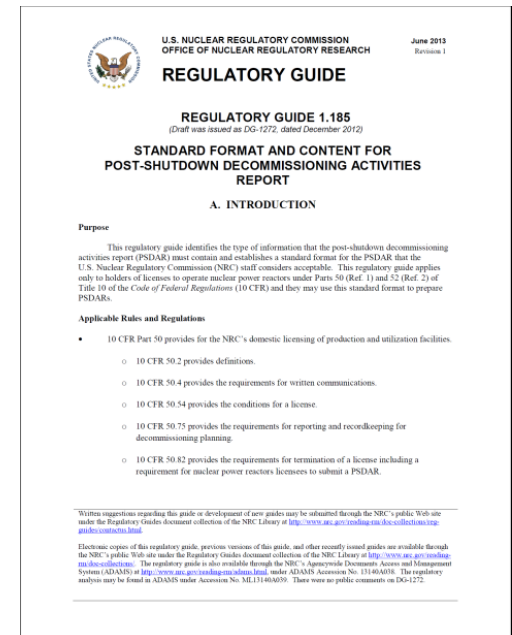
John G. Lamb,
Senior Project Manager
Special Projects and Process Branch
Office of Nuclear Reactor Regulation



NRC's PSDAR Review Process: Evaluation Criteria



- The PSDAR must contain the information required by regulation (10 CFR 50.82(a)(4)(i)).
- Regulatory Guide 1.185 (ML13140A038) provides guidance on content and format.
- Major radiological decommissioning activities may start after Pilgrim permanently ceases operations, Entergy permanently removes fuel from the Pilgrim reactor vessel, and 90 days after the NRC receives the PSDAR.
- Decommissioning activities must not endanger the public health and safety or result in significant environmental impacts not previously reviewed.



NRC's PSDAR Review Process: Environmental Review



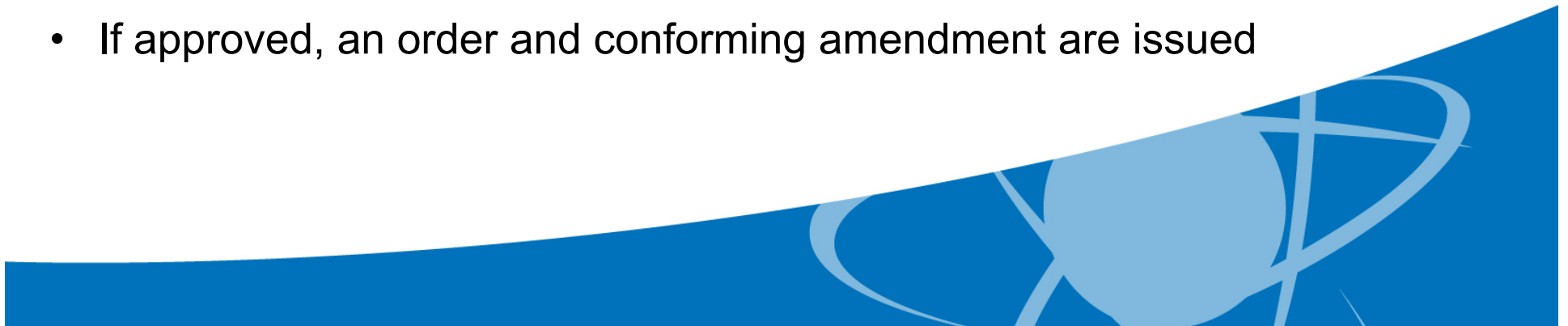
- Provides reasons for concluding that environmental impacts of site-specific decommissioning activities are bounded by previous Environmental Impact Statement (EIS)
 - NUREG-0586 (ML023470304), “Final Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities”
 - Consider site-specific impacts in NUREG-1437, Supplement 29 (ML0719900020) and impacts not addressed in prior EISs
 - Inspection program

NRC's PSDAR Review Process

- Staff will make the PSDAR available for public comment and hold a public meeting
- Staff will notify the licensee if additional information is required
 - Document the NRC review
 - Address the comments received
- If the NRC finds the PSDAR meets the regulation after its review, a letter will be sent to the licensee.
- The licensee shall notify the NRC in writing and send a copy to the State before performing any decommissioning activity inconsistent with, or making a significant schedule change from, those actions and schedules described in the PSDAR

NRC's License Transfer Application Review Process

- Consistent with NRC Regulation 10 CFR 50.80, the NRC must determine that the proposed transferee is qualified to be holder of the license
- NRR Procedure LIC-107, Revision 2 (ML17031A006), "Procedures for Handling License Transfers"
- Areas that NRC reviews for license transfers:
 - Financial qualifications
 - Decommissioning funding assurance
 - Foreign ownership, control, or domination
 - Technical qualifications
 - Insurance and indemnity
- If approved, an order and conforming amendment are issued



NRC's License Transfer Application Review Process



- License transfer applications are noticed in the *Federal Register* (www.govinfo.gov/app/collection/fr) and the public can:
 - Request a hearing within 20 days of publication of the *Federal Register* Notice (FRN), and/or
 - Provide comments within 30 days of publication of the FRN.
- The Pilgrim license transfer application contains proprietary information. A redacted, non-proprietary version of the application is available to the public; the FRN will describe the process for requesting access to the proprietary information.
- The Pilgrim license transfer application was submitted November 16, 2018 (ML18320A031). An FRN regarding the application has not yet been published.



NRC's License Transfer Application Review Process



- Holtec submitted a proposed revised PSDAR (ML18320A040), dated November 16, 2018.
- This PSDAR is a supplement to the license transfer application, and therefore, is part of the license transfer application action and not part of the Pilgrim PSDAR action (ML18333A240); however, this public meeting is accepting comments on both actions.
- The proposed Holtec PSDAR is contingent upon the approval of the license transfer and equity sale closure.



NRC's License Transfer Application Review Process



- Holtec has also submitted a decommissioning trust fund (DTF) exemption request (ML188320A031) to allow it to use the DTF not only for radiological decommissioning, but also for spent fuel management and site restoration.
- Holtec requested a regulatory decision on the exemption request at the same time as the decision on the license transfer application.

Comment Periods on the PSDAR and License Transfer Application

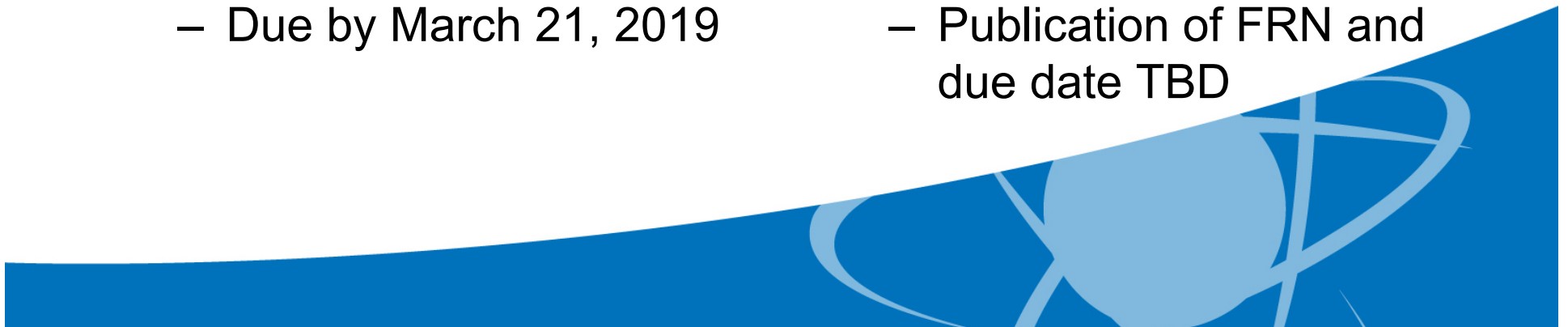


PSDAR

- This public meeting
- Federal Rulemaking Web site:
<http://www.regulations.gov>
 - Search for Docket ID **NRC–2018–0286**
 - Due by March 21, 2019

License Transfer and Holtec PSDAR

- This public meeting
- Federal Rulemaking Web site:
<http://www.regulations.gov>
 - Search for Docket ID **NRC–2018–0279**
 - Publication of FRN and due date TBD



Comments on the PSDAR and License Transfer Application

- By Mail:

May Ma

Office of Administration

Mail Stop: TWFN-7-A60M

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

