



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 22, 2016

LICENSEE: Exelon Generation Company, LLC

FACILITY: Clinton Power Station, Unit 1, Quad Cities Nuclear Power Station, Unit 1 and 2, Oyster Creek Power Station, Unit 1

SUBJECT: SUMMARY OF JULY 12, 2016, PUBLIC MEETING WITH EXELON TO DISCUSS DECOMMISSIONING TRANSITION PLANS FOR CLINTON, QUAD CITIES, AND OYSTER CREEK (CAC NOS. MF8097, MF8099, MF8100, AND MF8098)

On July 12, 2016, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Exelon Generation Company, LLC, the licensee, at NRC Headquarters, Three White Flint, 11601 Landsdown St. Rockville, Maryland. The purpose of the meeting was to afford Exelon, the licensee for Clinton Power Station, Unit 1 (Clinton), Quad Cities Nuclear Power Station, Units 1 and 2 (Quad Cities), and Oyster Creek Nuclear Generating Station, Unit 1 (Oyster Creek), an opportunity to discuss pending and present licensing activities associated with the continued operation of these plants and future decommissioning plans and schedules. The meeting notice and agenda, dated June 23, 2016, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML16183A199. A list of attendees is provided as Enclosure 1.

On June 20, the licensee submitted letters to the NRC certifying the permanent cessation of operations for Clinton by June 1, 2017, and for Quad Cities, by June 1, 2018 (ADAMS Accession Nos. ML16172A137 and ML16172A151, respectively). By letter dated January 7, 2011, the licensee certified its contingent determination to permanently cease operations at Oyster Creek no later than December 31, 2019 (ADAMS Accession No. ML110070507).

No regulatory decisions were made at this meeting. After opening remarks, the NRC staff gave a high level review of the regulatory framework for the decommissioning transition process. An overview of the decommissioning process is available in NUREG/BR-0521, "Decommissioning Nuclear Power Plants" (ADAMS Accession No. ML14210A472), and Regulatory Guide 1.184, "Decommissioning of Nuclear Power Reactors, Revision 1," (ADAMS Accession No. ML13144A840).

The licensee presented their integrated licensing action submittal plan, which is available in ADAMS at Accession No. ML16189A433. This presentation summarized the accelerated schedule for licensing actions in support of Clinton's announced cessation of operation by June 1, 2017. The licensee stated that if other sites in the Exelon fleet enter decommissioning transition, they will factor those sites into the integrated schedule. Exelon's overall goal is to provide a safe and efficient transition from an operating site to a permanently shutdown site.

The licensee discussed two major milestones for each site in decommissioning transition. The first milestone is to permanently shutdown and defuel the site and second milestone is the end of the Zirc-Fire period, which is estimated to be 14 to 18 months after shutdown. The requested approval dates for the submittals are 60 days in advance of the milestone date to enable efficient implementation of the Decommissioning Trust Funds, facilitate change management for staff transitions, and provide more certainty for external stakeholders such as the state and local governments.

The NRC staff noted for clarity that the exemption request from certain Emergency Preparedness requirements (submittal LS-14) and the license amendment request for Permanently Defueled Emergency Plan (submittal LS-15) are related since the amendment would implement the exemption if it is approved by the NRC staff. The licensee acknowledged that these two submittals are related and could be submitted, at or near the same time, even though the NRC review and approval of these actions are separate.

The licensee stated that they are continuing to evaluate the impact of decommissioning plans on existing and expected licensing submittals which are not directly related to decommissioning transitioning. At this time, the licensee does not anticipate withdrawing or delaying any current licensing actions. The licensee confirmed they will maintain close communication with the NRC licensing project managers if a decision to delay, defer or eliminate planned submittals is made.

The licensee said that they plan to request relaxation to the Fukushima Order for Hardened Containment Ventilation Systems (EA-13-109) for Quad Cities, Unit 1. The NRC staff from the Japans Lessons Learned Division asked if there are plans to submit a relaxation request for Quad Cities, Unit 1, for the Mitigating Strategies Order (EA-12-049). The licensee said they plan to request relaxation to both applicable Fukushima Orders to discontinue submitting 6 month update reports and agreed to follow up with more detailed submittal plans for these requests.

To facilitate a timely review, the NRC staff emphasized the need for frequent communication of schedule plans, holding pre-submittal public meetings for significant licensing actions, submitting high quality applications, and timely responses to requests for additional information.

Numerous members of the public and external stakeholders were in attendance by phone and one in person. Exelon addressed a question regarding the use of precedence from other sites which have recently gone through decommissioning transition. Exelon said it would use the precedence and industry lessons learned to inform their submittal plans and ensure that high quality licensing actions are submitted to support their proposed schedule. The NRC staff addressed other questions from the public regarding transportation of radioactive materials and identified inspection impacts.

No Public Meeting Feedback forms were received.

Please direct any inquiries to me at 301-415-1349, or Jeanne.Dion@nrc.gov

A handwritten signature in black ink, appearing to read "Jeanne Dion". The signature is fluid and cursive, with the first name "Jeanne" written in a larger, more prominent script than the last name "Dion".

Jeanne Dion, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos.: 50-461, 50-254, 50-265 and 50-219

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

JULY 12, 2016 MEETING WITH EXELON

DECOMMISSIONING PLANS FOR CLINTON, QUAD CITIES, AND OYSTER CREEK

Name	Position	Affiliation
George Wilson	Deputy Director for the Division of Operating Reactor Licensing (DORL)	NRR/DORL
Ed Miller	Acting Branch Chief Plant Licensing Branch 3-2	NRR/DORL/LPL3-2
Eva Brown	Senior Project Manager – Clinton	NRR/DORL/LPL3-2
John Lamb	Senior Project Manager – Oyster Creek	NRC/NRR/DORL/LPL4-2
Jeanne Dion	Project Manager – Quad Cities	NRR/DORL/LPL3-2
Blake Purnell	Project Manager – Exelon Fleet	NRR/DORL/LPL3-2
Russ Haskell	Project Manager	NRR/DORL/LPL3-2
Shaun Anderson	Acting Branch Chief Plant Licensing Branch 4-2	NRR/DORL/LPL4-2
James Kim	Project Manager	NRR/DORL/LPL4-2
Tom Wengert	Senior Project Manager	NRR/DORL/LPL4-2
April Pulvirenti	Project Manager	NRR/DORL/LPL4-2
Stephen Koenick	Senior Project Manager	NRR/DORL/LPL4-2
Joseph Anderson	Branch Chief, Reactor Licensing	NSIR/DPR/ORLOB
Bruce Watson	Branch Chief, Reactor Decommissioning, Office of Nuclear Materials Safety and Security (NMSS)	NMSS/DUWP/RDP
Richard Turtill	Senior Financial Analyst	NRC/NRR/DIRS/IFAIB
Michael Kunowski*	Branch Chief, Materials Control, ISFISI and Decommissioning Branch, RIII	NRC/RIII/DNMS/MCID
Karla Stodter*	Branch Chief, Branch 1	NRC/RIII/DRP/B1
Alex Klein	Branch Chief, Technical Specification (TS) Branch	NRR/DSS/STSB
Ravi Grover	Reactor Systems Engineer, TS Branch	NRR/DSS/STSB
David McIntyre	Public Affairs Officer	NRC/OPA
John Boska	Senior Project Manager, Japan Lessons Learned	NRC/NRR/JLD

Enclosure

Laurie Kauffman*	Health Physicist	NRC/RI
Jenny Kuhlmann*	Congressional Affairs Officer	NRC/OCA
Hironori Peterson*	Branch Chief, Health Physics and Incident Response Branch	NRC/RIII
Silas Kennedy*	Branch Chief, Division of Reactor Project, Branch 6	NRC/RI
Mike Gallagher	Vice President- License Renewal	Exelon
Chris Wilson	Senior Manager- Decommissioning	Exelon
Paul Bonnett	Senior Regulatory Engineer	Exelon
Doug Walker*	Emergency Preparedness Supervisor	Exelon
Tim Byam*	Licensing	Exelon
Jeff Dunlap*	Senior Manager Decommissioning	Exelon
Pat Simpson*	Exelon Licensing Manager	Exelon
Wally Beck*	Quad Cities Regulatory Assurance Manager	Exelon
Ken Ohr*	Quad Cities plant Manager	Exelon
Mark Humphrey*	Quad Cities Regulatory Engineer	Exelon
Dale Shelton*	Clinton Regulatory Assurance Manager	Exelon
Chris Propst*	Clinton Decommissioning Director	Exelon
Wayne Choromanski*	Exelon Decommissioning Engineering	Exelon
Karen Torrent	Environmental Law and Policy Center, Federal Legislative Director	ELPC
Alwyn Settles*	Illinois Emergency Management Agency	Illinois Bureau of Nuclear Facility Safety
Paul Couture*	Entergy	Entergy
Mark Richter*	Nuclear Energy Institute, Used Fuel and Decommissioning Programs	NEI
Steven Dolley*	Media	Platts
Karen Tuccillo*	Supervisor	New Jersey Bureau of Nuclear Engineering
Patrick Mulligan*	Chief	New Jersey Bureau of Nuclear Engineering

Richard Pinney*	Supervisor	New Jersey Bureau of Nuclear Engineering
Jerry Humphreys*	Nuclear Engineer	New Jersey Bureau of Nuclear Engineering
Chris Schneidmiller*	Editor in Chief	Exchange Monitor Publications
Carlyn Greene*	Executive Director	Back-end publications
Marvin Lewis*	member of the public	

Please direct any inquiries to me at 301-415-1349, or Jeanne.Dion@nrc.gov

/RA/

Jeanne Dion, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos.: 50-461, 50-254, 50-265 and 50-219

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TWengert, NRR
TWertz, NRR

ADAMS Accession Nos.:
Meeting Notice: ML16183A199
Meeting Summary: ML16195A448
Handouts: ML16189A433

*Concurrence by email

OFFICE	NRR/DORL/LPL3-2PM	NRR/DORL/LPL3-2/PM	NRR/DORL/LPL4-2/	
NAME	JDion	EBrown*	JLamb*	
DATE	07/12/16	07/19/16	07/20/16	
OFFICE	NRR/DORL/LPL4-1/LA	NRR/DORL/LPL3-2/BC	NRR/DORL/LPL4-2/BC	NRR/DORL/LPL3-2PM
NAME	SRohrer	GEMiller	SAnderson*	JDion
DATE	07/14/16	07/22/16	07/19/16	0722/16