



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

December 3, 2021

LICENSEE: Exelon Generation Company, LLC
FACILITY: Braidwood Station, Unit 2
SUBJECT: SUMMARY OF NOVEMBER 17, 2021, MEETING WITH EXELON
GENERATION COMPANY, LLC, RELATED TO A FUTURE LICENSE
AMENDMENT TO REMOVE LICENSE CONDITION 2.C.(12)(d)
(EPID L-2021-LRM-0089)

On October 19, 2021, an observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Exelon Generation Company, LLC (Exelon, the licensee). The purpose of the meeting was for Exelon to provide information about an amendment planned for submittal by December 31, 2021, for Braidwood Station, Unit 2 (Braidwood). The amendment would remove license condition 2.C.(12)(d) related to repair of reactor pressure vessel (RPV) stud hole No. 35. The meeting notice and agenda, dated October 26, 2021, are available in ADAMS at Accession No. ML21320A241. A list of attendees is provided as Enclosure 1.

The licensee presented background information regarding RPV stud No. 35. RPV stud No. 35 became stuck during the second Braidwood, Unit 2, refueling outage in 1991. Because the protruding portion of RPV stud 35 was an obstacle during refueling outage activities, an evaluation was developed that demonstrated that the Braidwood, Unit 2, RPV could be placed in service with stud 35 not tensioned. Based on the evaluation, RPV stud 35 was removed and Braidwood, Unit 2, started up from the refueling outage with 53 of 54 studs tensioned. A subsequent repair plan was abandoned after vendor equipment malfunctioned. During the license renewal for Braidwood, Unit 2, the NRC proposed incorporating license condition 2.C.(12)(d) into the license.

WCAP-16143, Revision 1, "Reactor Vessel Closure Head/Vessel Flange Requirements Evaluation for Byron/Braidwood Units 1 and 2," for the pressure temperature limits curves addresses the effect of both the originally designed 54 RPV head stud configuration and the 53 RPV head stud configuration for all Braidwood and Byron units. By amendments dated October 28, 2015 (ADAMS Accession No. ML15232A441), the NRC approved the use of WCAP-16143, Revision 1, for all Braidwood and Byron Units. The NRC staff queried the licensee on the technical specifications requirements for RPV stud tensioning. The licensee explained that the technical specifications had been changed during a previous amendment [the October 28, 2015, amendment] to allow less than 54 RPV stud tensioned.

No members of the public identified themselves. No regulatory decisions were made at this meeting.

Please direct any inquiries to me at 301-415-6606 or Joel.Wiebe@nrc.gov.

/RA/

Joel S. Wiebe, Senior Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. STN 50-457

Enclosure: List of Attendees

cc: Listserv

LIST OF ATTENDEES
NOVEMBER 17, 2021, MEETING WITH
EXELON GENERATION COMPANY, LLC
FUTURE AMENDMENT REQUEST TO REMOVE LICENSE CONDITION 2.C.(12)(d)
RELATED TO REPAIR OF REACTOR PRESSURE VESSEL STUD HOLE NO. 35

Nuclear Regulatory Commission

Joel Wiebe
Alan Hiser
Angie Buford
James Medoff

EXELON GENERATION COMPANY, LLC

Phillip Henderson
Lisa Zurawski
Kevin Lueshen
Abid Rustaey
Rich Schliessmann
Jon Panici
Georgio Hol

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OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DORL/LPL3/BC	NRR/DORL/LPL3/PM
NAME	JWiebe	SRohrer	NSalgado	JWiebe
DATE	11/26/2021	11/29/2021	12/1/2021	12/3/2021

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