



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

July 6, 2021

LICENSEE: EXELON GENERATION COMPANY, LLC

FACILITY: CLINTON POWER STATION, UNIT NO. 1; DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3; LASALLE COUNTY STATION, UNITS 1 AND 2; JAMES A. FITZPATRICK NUCLEAR POWER PLANT; NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2; LIMERICK GENERATING STATION, UNITS 1 AND 2; PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3; AND QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2

SUBJECT: SUMMARY OF JUNE 15, 2021, MEETING WITH EXELON GENERATION COMPANY, LLC RELATED TO A PLANNED REQUEST FOR AN ALTERNATIVE RELATED TO REACTOR PRESSURE VESSEL NOZZLE REPAIR (EPID L-2021-LRM-0056)

On June 15, 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 discuss a planned request for a proposed alternative to certain requirements in Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.55a, "Codes and standards," related to reactor pressure vessel (RPV) nozzle repair. The meeting notice and agenda, dated June 4, 2021, are available in Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21155A066. The licensee's presentation is available in ADAMS at Accession No. ML21162A332. A list of attendees is provided as Enclosure 1.

The licensee discussed that the purpose of the planned request is to provide a repair technique for RPV instrument nozzles in the Exelon boiling-water reactor (BWR) fleet to be used as a contingency if an indication is detected during future inspections. The repair would leave the indication in place and would be valid for the duration of the operating cycle. The licensee plans to provide a one-cycle justification to support this request, with subsequent operating cycles requiring additional evaluation. The request would be submitted pursuant to 10 CFR 50.55a(z)(2) and would be similar to previously approved half-nozzle repairs for Limerick Generating Station, Unit 2 (ADAMS Accession No. ML19009A002), and Peach Bottom Atomic Power Station, Unit 2 (ADAMS Accession No. ML21110A680).

The staff queried the licensee regarding the details to be included in the planned submittal. The licensee responded that they plan to include a table of all applicable material; however, do not plan to include specific nozzle locations. The staff noted that the submittal should include clear scoping of the population of nozzles for which the request applies and should contain sufficient specific unit information for the staff evaluation. The staff further queried the licensee as to whether all nozzles included in the request are similar, to which the licensee stated that all contain j-groove welds with slight differences in nozzle diameter. The licensee also stated that the submittal will contain the current American Society of Mechanical Engineers code editions specific to each unit. Additionally, the licensee discussed a proposed commitment to provide to the staff unit specific analyses after the repair is complete, such as a flaw analytical evaluation and a corrosion evaluation.

The staff also queried the licensee regarding the planned “hardship without a compensating increase in quality and safety” discussion, pursuant to 10 CFR 50.55a(z)(2). The licensee confirmed that the submittal will include a justification that addresses all units. The licensee indicated potential submission of the request for fall 2021; however, the licensee stated the timeline had not yet been finalized.

Members of the public were in attendance and no questions were received. No regulatory decisions were made during this meeting.

Please direct any inquiries to me at 301-415-1380 or Blake.Purnell@nrc.gov.

/RA/

Blake Purnell, Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-461, 50-237, 50-249,
50-373, 50-374, 50-333,
50-220, 50-410, 50-352,
50-353, 50-277, 50-278,
50-254, and 50-265

Enclosure: List of Attendees

cc: Listserv

LIST OF ATTENDEES
JUNE 15, 2021, MEETING WITH
EXELON GENERATION COMPANY, LLC
RELATED TO A PLANNED REQUEST FOR AN ALTERNATIVE RELATED
TO REACTOR PRESSURE VESSEL NOZZLE REPAIR

U. S. Nuclear Regulatory Commission

Blake Purnell
Jacquelyn Harvey
Matthew Mitchell
Roger Kalikian
Joel Jenkins
John Tsao
John Honcharik

Exelon Generation Company, LLC

Jim Cirilli
Ramon Cruz
Brendan Casey
Shannon Rafferty-Czincila
Tom Loomis

Public

Richard Mattson
Shawn Seaman
David Lafleur

SUBJECT: SUMMARY OF JUNE 15, 2021, MEETING WITH EXELON GENERATION COMPANY, LLC RELATED TO A PLANNED REQUEST FOR AN ALTERNATIVE RELATED TO REACTOR PRESSURE VESSEL NOZZLE REPAIR (EPID: L-2021-LRM-0056) DATED JULY 6, 2021

DISTRIBUTION:

PUBLIC

- LPL3 File Copy
- RidsACRS_MailCTR Resource
- RidsNrrDorlLp1 Resource
- RidsNrrDorlLp3 Resource
- RidsNrrLASRohrerResource
- RidsNrrLAKZeleznockResource
- RidsRgn1MailCenter Resource
- RidsRgn3MailCenter Resource
- RidsNrrPMExelon Resource
- RidsNrrPMClinton Resource
- RidsNrrPMDresden Resource
- RidsNrrPMFitzPatrick Resource
- RidsNrrPMLaSalle Resource
- RidsNrrPMLimerick Resource
- RidsNrrPMNineMilePoint Resource
- RidsNrrPMPeachBottom Resource
- RidsNrrPMQuadCities Resource
- RidsOpaMail Resource
- RidsAcrs_MailCTR Resource
- RRichardson, EDO
- MMitchell, NRR
- RKalikian, NRR
- JJenkins, NRR
- JTsao, NRR
- JHoncharik, NRR
- JHarvey, NRR

ADAMS Accession No. ML21176A082

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DORL/LPL3/BC
NAME	JHarvey	SRohrer	NSalgado
DATE	06/22/2021	06/28/2021	07/06/2021
OFFICE	NRR/DORL/LPL3/PM		
NAME	BPurnell (SWall for)		
DATE	07/06/2021		

OFFICIAL RECORD COPY