



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

U.S. Nuclear Regulatory Commission Public Meeting Summary

August 7, 2014

Title: Public Meeting to Discuss the 2013 Performance of Byron Station

Meeting Identifier: 20141105

Date of Meeting: Tuesday, July 15, 2014

Location: Byron Station Training Building, Byron, IL

Type of Meeting: Category 3

Purpose of Meeting:

Provide opportunities to discuss NRC activities, nuclear power issues, and Byron Station performance for the 2013 calendar year with the public.

General Details:

The NRC conducted an open house beginning at 6:00 p.m. central daylight time (CDT) where members of the public met informally with NRC staff to discuss Byron Station's performance and NRC oversight. The meeting was scheduled from 6:00 - 7:30 p.m. CDT and ended about 8:00 p.m.

Four NRC staff members were present, including the Branch Chief, Regional Public Affairs Officer, and both Resident Inspectors. No facilitator was needed.

NRC staff members greeted attendees as they arrived and offered a description of the purpose of the meeting and discussion of Byron's 2013 performance. Byron operated safely in 2013, with no significant inspection findings or negative performance indicators. Copies of the NRC's 2013 assessment letter were available. Contact information for the Byron Resident Inspectors and meeting feedback forms were also provided.

Approximately 24 people participated in the meeting. Approximately five participants asked questions or provided comments. In addition to members of the public, meeting participants included members of the staff of the U.S. Senate, the Illinois Emergency Management Agency, public advocacy groups, and the licensee.

Summary of Presentations:

No formal presentations were made. NRC posters describing the NRC's mission and the reactor oversight process complemented NRC staff member "one-on-one" discussions with the public. The flexible structure encouraged participants to discuss topics of interest to them with different NRC staff members spread around the room. These discussions

included how the NRC assessed Byron Station's 2013 performance and the NRC's oversight of the facility.

Public Participation Themes:

During the one-on-one discussions between NRC staff and the public the NRC staff addressed questions on the following topics:

- How is tritium formed—See [NRC Background Information on Tritium](http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html) at <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html>;
- Why do cooling towers produce steam—cooling towers are heat exchangers which cool water that was used to cool exhaust steam exiting the electricity-making turbines of a power plant. Cooling towers transfer exhaust heat into the air instead of into a body of water; and
- How can a member of the public get information updates from the NRC concerning Byron Station? NRC's web page "Operating Reactor Correspondence" allows requesting e-mails regarding one or more chosen operating nuclear power plants at the link: <http://www.nrc.gov/public-involve/listserver/plants-by-region.html>. For broader topics, see NRC's web page "Subscribe to Public Updates" <http://www.nrc.gov/public-involve/listserver.html>.

A sample of comments and concerns during the public comment portion of the meeting included:

- Could tritium potentially impact the public? [NRC Background Information on Tritium](http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html) at <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html>.

Action Items/Next Steps:

- None.

Attachments:

- None.

/RA/
Eric R. Duncan, Chief
Branch 3
Division of Reactor Projects

Docket Nos. 50-454; 50-455
License Nos. NPF-37; NPF-66

Enclosures:

1. List of Principal Meeting Attendees
2. List of Meeting Attendees of the Public

cc w/encls: Distribution via LISTSERV®

PUBLIC MEETING PRINCIPAL ATTENDEES

July 15, 2014

NRC Attendees

E. Duncan, Chief, Division of Reactor Projects, Branch 3
J. McGhee, Byron Senior Resident Inspector
J. Draper, Byron Resident Inspector
V. Mitlyng, Senior Public Affairs Officer, Region III

Exelon Generation Company Attendees

F. Kearney, Site Vice President
T. Chalmers, General Manager Plant Operations
E. Hernandez, Operations Director
S. Gackstetter, Regulatory Assurance Manager
Other plant employees

Members of the Public

See Enclosure 2 for members of the public who attended the meeting.



July 15, 2014 - 6:00 p.m.

Name

BARRY QUILEY

SELF

Brittany Theis

Whitt Law

Paul Dempsey

Exe bn

ELMER HERNÁNDEZ

Exelon

Barry Barton

Exelon

Andrew Field

Senator Kirk

Ross Kearney

Excelm Byaam

Joe Kopacz

EXELON (BYRON)

Bonnie Mueller

NGIS

included how the NRC assessed Byron Station's 2013 performance and the NRC's oversight of the facility.

Public Participation Themes:

During the one-on-one discussions between NRC staff and the public the NRC staff addressed questions on the following topics:

- How is tritium formed—See [NRC Background Information on Tritium](http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html) at <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html>;
- Why do cooling towers produce steam—cooling towers are heat exchangers which cool water that was used to cool exhaust steam exiting the electricity-making turbines of a power plant. Cooling towers transfer exhaust heat into the air instead of into a body of water; and
- How can a member of the public get information updates from the NRC concerning Byron Station. NRC's web page "Operating Reactor Correspondence" allows requesting e-mails regarding one or more chosen operating nuclear power plants at the link: <http://www.nrc.gov/public-involve/listserver/plants-by-region.html>. For broader topics, see NRC's web page "Subscribe to Public Updates" <http://www.nrc.gov/public-involve/listserver.html>.

A sample of comments and concerns during the public comment portion of the meeting included:

- Could tritium potentially impact the public? [NRC Background Information on Tritium](http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html) at <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html>.

Action Items/Next Steps:

- None.

Attachments:

- None.

/RA/

Eric R. Duncan, Chief
Branch 3
Division of Reactor Projects

Docket Nos. 50-454; 50-455
License Nos. NPF-37; NPF-66

Enclosures:

1. List of Principal Meeting Attendees
2. List of Meeting Attendees of the Public

cc w/encls: Distribution via LISTSERV®

DISTRIBUTION w/encls:

See next page

DOCUMENT NAME: Byron 2013 EOC Meeting Summary

☒ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☒ Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII					
NAME	BBoston:mt	EDuncan				
DATE	08/07/14	08/07/14				

OFFICIAL RECORD COPY

Memorandum from Eric Duncan dated August 7, 2014.

SUBJECT: BYRON 2013 END-OF-CYCLE MEETING SUMMARY

DISTRIBUTION w/encls:

Anthony Bowers

RidsNrrDorlLpl3-2 Resource

RidsNrrPMByron Resource

RidsNrrDirslrib Resource

Cynthia Pederson

Darrell Roberts

Steven Orth

Allan Barker

Carole Ariano

Linda Linn

DRPIII

DRSIII

Patricia Buckley

Carmen Olteanu

ROPassessment.Resource@nrc.gov