

2019 - 2020 Licensee Performance Review



Nuclear Regulatory Commission - Region II
April 28, 2021, 5:30 PM (EDT)

For audio, please dial: 1-888-810-4797, Passcode: 3061191

AUDIO AND VISUAL

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- Attendance
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WELCOME



Discuss licensee
performance 2019-2020



Address findings and
Performance



Observation Meeting

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AGENDA

- Introductions
- Our Mission
- Performance Review Process
- Performance Review Results
- Response
- Adjourn Business Portion
- Question & Answer with the Public
- Adjourn Meeting

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NRC MISSION

The NRC licenses and regulates the Nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment.

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NRC FUEL CYCLE OVERSIGHT COMPONENTS



Inspections



Investigations



Allegations



Incident
Response



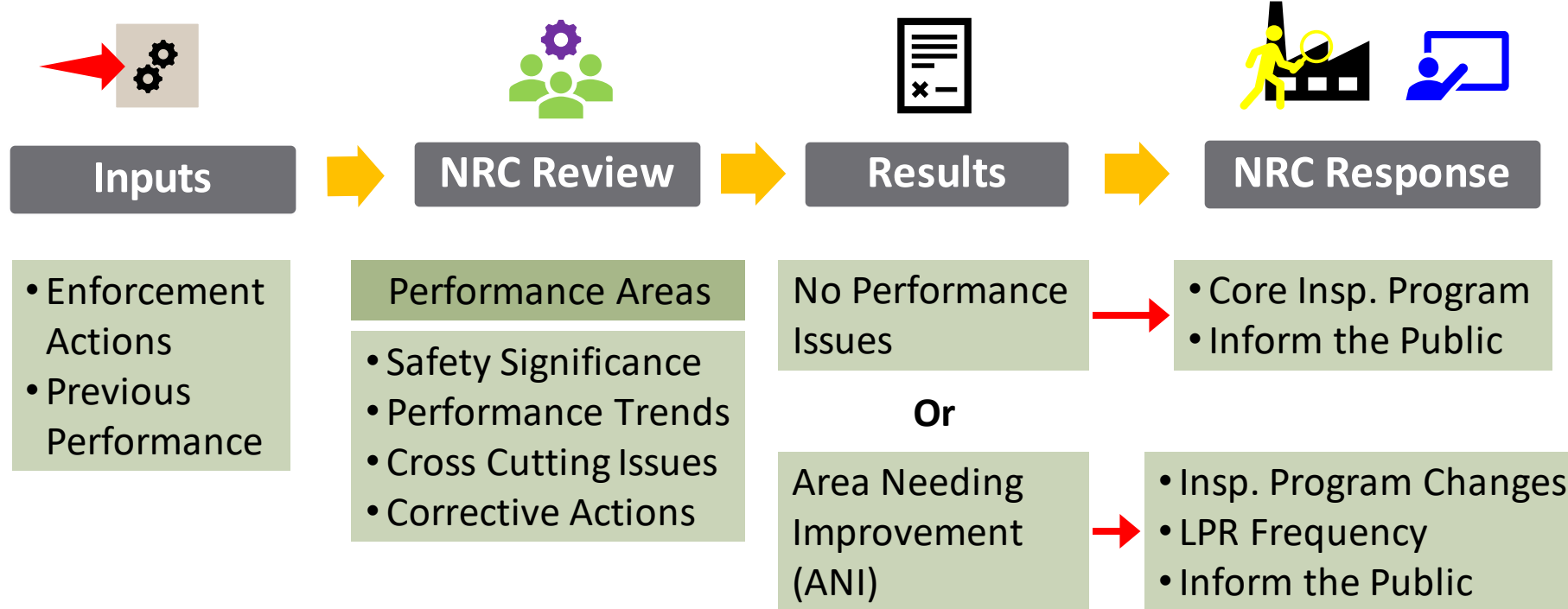
Enforcement



Performance
Assessment

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LICENSEE PERFORMANCE REVIEW PROCESS



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LICENSEE PERFORMANCE AREAS

Safety Operations

Operational Safety

- Safety Controls
- Supporting Safety Programs



Criticality Safety

- Criticality Controls
- Program Oversight
- Criticality Incident Response



Fire Protection

- Prevention, Detection, & Mitigation
- Supporting Fire Safety Programs



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LICENSEE PERFORMANCE AREAS

Radiological Controls

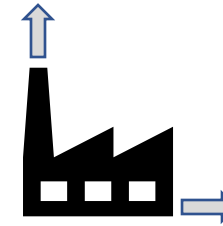
Radiation Protection

- Members of the Public
- Plant Workers



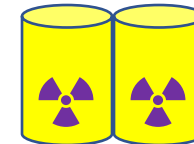
Effluent Control & Environmental Protection

- Program Implementation
- Liquid and Gaseous Effluents



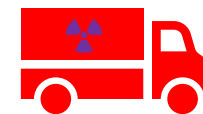
Waste Management

- Processing, Handling, Storage & Transportation of Waste



Transportation

- Receipt, Packaging & Delivery of Radioactive Materials



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LICENSEE PERFORMANCE AREAS

Facility Support

Maintenance and Surveillance

- Safety Controls
- Supporting Program Elements



Emergency Preparedness

- Emergency Plan Implementation
- Evaluation of Emergency Drills



Plant Modifications

- Configuration Management Program
- Request for NRC Approval



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LICENSEE PERFORMANCE AREAS

Safeguards & Other Areas

Material Control & Accounting



Physical Protection



Information Security



Other Areas

- Assessment and Follow-up of Plant Events
- New Facilities or Processes



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LICENSED ACTIVITIES

BWXT Nuclear Operations Group (NOG) Fuel Fabrication Facility

- Possess Special Nuclear Material (Highly Enriched Uranium)
- Process and develop uranium products
- Operate on-site laboratories
- Treat and discharge plant effluents



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.
ATLANTA, GEORGIA 30303

March 5, 2021

Mr. Jim Bittner
Vice President and General Manager
BWXT Nuclear Operations Group, Inc.
P.O. Box 785
Lynchburg, VA 24505-0785

SUBJECT: BWXT NUCLEAR OPERATIONS GROUP –
REVIEW (NUCLEAR REGULATORY COMM
70-27/2021-005)

Dear Mr. Bittner:

The U.S. Nuclear Regulatory Commission (NRC) staff in the Region II Office of Nuclear Material Safety and Safeguards, and the Office of Nuclear Emergency Response completed a periodic review of the BWXT Nuclear Operations Group, Inc. (NOG) fuel fabrication facility performance in conducting a performance review covered licensed activities from January 1, 2019, to December 31, 2020. The performance of BWXT NOG was evaluated in the areas of Safety Operations, Safeguards, Radiological Controls, Facility Support, and Other Areas. The review was conducted in accordance with Inspection Manual Chapter (IMC) 2604, "Licensee Performance Reviews."

Overall, the staff determined that BWXT NOG has continued to conduct its licensed activities safely and securely and in a manner that protects public health, safety, and the environment. Based on our review of NRC regulated activities, no area subject to regulatory control or improvement was identified for Safety Operations, Safeguards, Radiological Controls, Facility Support, and Other Areas. Therefore, the NRC plans to conduct the core inspection program for a Category I Fuel Facility as described in NRC Inspection Manual Chapter 2604, Appendix B, "NRC Core Inspection Requirements," for the period of January 1, 2021, to December 31, 2022. No separate letter will be issued addressing the Safeguards area.

The results of our review will be discussed with you at a public meeting that will be conducted via an online webinar. During the meeting, you will have an opportunity to discuss your performance in the same major areas as those identified in this letter.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," this letter and its enclosure will be available electronically for public review in the Document Room or from the Publicly Available Records (PARS) system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).



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NRC ON-SITE ANNUAL INSPECTION EFFORT

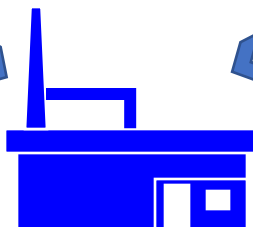
Category I Fuel Facility



Resident
Inspector
(797 hrs)

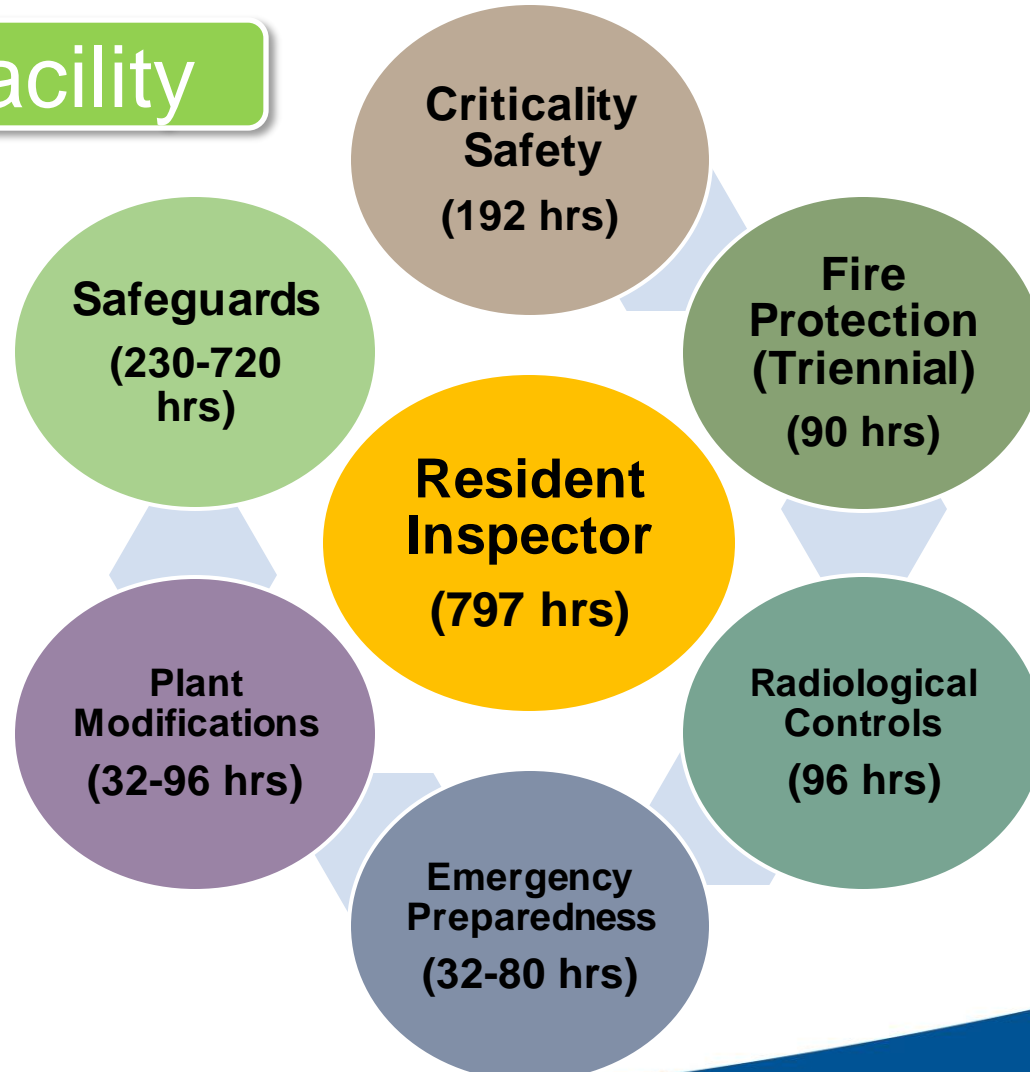


Region 2
Inspectors
(672 - 1,275 hrs)



Category 1 Fuel
Facility

Note: The hours above are the estimated effort allocated to on-site routine inspections yearly between 2019 - 2020.



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PERFORMANCE REVIEW RESULTS

BWX Technologies, Inc. NOG - Lynchburg

- BWXT conducted activities safely and securely in 2019 and 2020.
- No Area Needing Improvement was identified in the performance assessment areas.
- NRC will conduct routine inspection program in the next performance assessment cycle.
- Results are publicly available in ADAMS via Accession Number ML21064A522.

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REMARKS FROM



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QUESTIONS AND COMMENTS FROM THE PUBLIC

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Website: www.nrc.gov

Questions/Information: OPA2.Resource@nrc.gov or
call 404-997-4417

For Safety or Security Concerns:

- Non-Emergency Hotline: 1-800-695-7403
- Emergencies: 301-816-5100
- Link: <https://www.nrc.gov/about-nrc/regulatory/allegations/safety-concern.html>

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PROVIDING FEEDBACK TO THE NRC

<https://feedback.nrc.gov/pmfs/feedback/form?meetingcode=20210426>

