



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

July 09, 2026

Joel Doolin
Acting Deputy Assistant Administrator
National Preparedness Directorate
Federal Emergency Management
Agency, 400 C Street, SW
Washington, DC 20024

**SUBJECT: BEAVER VALLEY POWER STATION ALERT AND NOTIFICATION SYSTEM
EVALUATION REPORT**

Dear Mr. Doolin:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letter dated May 4, 2026¹, which provided the Federal Emergency Management Agency (FEMA) approval of Revision 6 of the Beaver Valley Power Station (BVPS) Alert and Notification System Evaluation Report (Alert and Notification System (ANS) Design Report.

As described in Rev. 6 of the BVPS ANS Design Report, BVPS replaced its primary alerting system, the Outdoor Warning System (OWS) (sirens), with the Integrated Public Alert and Warning System - Wireless Emergency Alerts (IPAWS-WEA) component as the primary alerting method. Similarly, the EAS (Emergency Alert System) will be maintained as the primary notification system but will now be activated through IPAWS; replacing sirens and other methods for activating EAS. BVPS also intends to use a digital mass notification system (MNS) to replace route alerting and notification as the backup alert and notification method.

Per Section V, Parts A and B of the "Memorandum of Understanding (MOU) between the Department of Homeland Security (DHS/FEMA) and the NRC regarding radiological emergencies, planning, and preparedness," dated July 22, 2025²:

"FEMA coordinates all Federal planning for offsite impact of radiological emergencies and takes the lead for assessing offsite radiological emergency response plans and preparedness, makes findings and determinations as to the adequacy and capability of implementing offsite plans, and communicates those findings and determinations to the NRC". As outlined within Section V, Part A, FEMA "Approves ANS design reports. When the ANS design report undergoes significant changes, including any changes to primary and backup alert methods, FEMA will allow the NRC to review the ANS design report to ensure that the NRC-regulated aspects of ANS are maintained".

¹ NRC's Agencywide Documents Access and Management System (ADAMS) Accession No. (ML26139A333)

² ADAMS (ML25225A104)

As outlined within Section V, Part B:

“The NRC reviews FEMA's findings and determinations in conjunction with the NRC onsite findings for the purpose of making determinations on the overall state of emergency preparedness. These overall findings and determinations are used by the NRC to make radiological health and safety decisions in the issuance of licenses and the continued operation of licensed utilization facility to include taking enforcement actions such as notices of violations, civil penalties, orders, or shutdown of operating reactors.

This delineation of responsibilities avoids duplicative efforts by the NRC in preparedness matters.”

Additionally, as outlined within Part B, the NRC:

“Reviews FEMA's findings and determinations of offsite plans to determine that the plans, including ANS design reports, are adequate and can be effectively implemented.”

The NRC evaluated the updated BVPS ANS Design Report Rev. 6, and supplemental clarifying information, and found that it contained sufficient information to be considered an adequate submittal for NRC to conduct its review. At this time, the NRC did not identify any licensing basis issues associated with the BVPS ANS Design Report.

Consistent with the roles of each respective agency as set forth in the aforementioned MOU, the NRC conducted a review of the FEMA findings. To aid its review, the NRC utilized the FEMA evaluation criteria and sample template for ANS changes and use of IPAWS³. The NRC review considered the applicable requirements in Title 10 of the Code of Federal Regulations (10 CFR) Section 50, Appendix E, Section IV.D.3.

The NRC staff conducted a risk-informed assessment and thorough review to determine if there is reasonable assurance that backup capability for alert and notification would be available in the event the primary ANS is unavailable during an emergency. The staff concluded that the backup capability does exist.

In conclusion, the NRC accepts the findings of FEMA that Rev. 6 of the BVPS ANS Evaluation Report and enables the NRC to maintain a finding of reasonable assurance for public health and safety.

Please feel free to contact my staff, Cindy Rosales-Cooper, Chief, Policy and Oversight Branch at (301) 287-9500 or at Cindy.Rosales-Cooper@nrc.gov, if you have questions.

Sincerely,



Signed by Michael Waters on 07/09/26

Michael Waters, Director
Division of Emergency Preparedness and
Response
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission

³ ADAMS Accession No. ML19339G862

SUBJECT: NRC ACCEPTANCE OF BEAVER VALLEY POWER STATION ANS DESIGN
REPORT DATED: July 09, 2026

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