



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

April 30, 2024

James Barstow
Vice President Nuclear Regulatory Affairs & Support Services
Tennessee Valley Authority
1101 Market Street, LP 4A-C
Chattanooga, TN 37402-2801

SUBJECT: ASSESSMENT FOLLOWUP LETTER FOR WATTS BAR NUCLEAR
PLANT, UNIT 2 – REPORT 05000391/2024007

Dear James Barstow:

As a result of its quarterly review of plant performance, which was completed on April 22, 2024, the NRC updated its assessment of Watts Bar Nuclear Plant, Unit 2. The NRC's evaluation consisted of a review of performance indicators and inspection results. This letter informs you of the NRC's assessment of your facility and supplements, but does not supersede, the annual assessment letter on February 28, 2024.

The NRC's review of Watts Bar Nuclear Plant, Unit 2 identified that the Unplanned Scrams per 7000 Critical Hours and has crossed the Green to White threshold due to 4 unplanned scrams for the last four quarters. As a result of this performance indicator, the NRC determined the performance at Watts Bar Nuclear Plant, Unit 2 to be in the Regulatory Response Column of the second highest performance column of the NRC's Reactor Oversight Process (ROP) Action Matrix as of April 1, 2024. The NRC will be in contact to discuss the specific planning and scheduling activities regarding this performance indicator and anticipated 95001.

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

Please contact Louis McKown at 404-997-4545 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to be 'M. Franke', written in a cursive style.

Signed by Franke, Mark
on 04/30/24

Mark E. Franke, Director
Division of Reactor Projects

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2 – REPORT 05000391/2024007 DATED APRIL 30, 2024

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