



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

June 6, 2014

Mr. William G. Gideon, Vice President
H. B. Robinson Steam Electric Plant
Duke Energy Progress, Inc.
3581 West Entrance Road
Hartsville, SC 29550

SUBJECT: H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2 – ACCEPTANCE
REVIEW CONCERNING LICENSE AMENDMENT REQUEST TO MODIFY
TECHNICAL SPECIFICATION 3.3.1, REACTOR PROTECTION SYSTEM
INSTRUMENTATION TURBINE TRIP FUNCTION (TAC NO. MF3463)

Dear Mr. Gideon:

By letter dated February 10, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14052A065), Duke Energy Progress, Inc., submitted a license amendment request for H. B. Robinson Steam Electric Plant, Unit 2. The proposed amendment request would revise the Technical Specification for the Reactor Protection System Instrumentation Turbine Trip function on Low Auto Stop Oil Pressure to a Turbine Trip function on Low Fluid Oil Pressure. In addition, the Nominal Trip Setpoint will be changed from its current value of 45 psig to 800 psig and a corresponding change in the Allowable Value from 40.87 psig to 769 psig. The proposed change also revises the Technical Specifications by applying additional testing requirements listed in Technical Specifications Task Force Traveler 493-A Revision 4, "Clarify Application of Setpoint Methodology for Limiting Safety System Setting Functions," for Low Electro-Hydraulic Fluid Oil Pressure trip only. In a followup email dated March 24, 2014 (ADAMS Accession No. ML14155A251), the U.S. Nuclear Regulatory Commission (NRC) staff requested the new setpoint calculation associated with this license amendment request. Duke Energy Progress, Inc., submitted a supplemental letter dated April 4, 2014 (ADAMS Accession No. ML14107A344) providing the new setpoint calculation. The purpose of this letter is to provide the results of the NRC staff's acceptance review of this license amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified in requests for additional information despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-2760.

Sincerely,

/RA/

Martha Barillas, Project Manager
Plant Licensing Branch 2-II
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-261

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The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified in requests for additional information despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

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Sincerely,

/RA/

Martha Barillas, Project Manager
Plant Licensing Branch 2-II
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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