

NRR-DMPSPeM Resource

From: Hon, Andrew
Sent: Wednesday, March 21, 2018 10:39 AM
To: Grzeck, Lee; Braden, Michael
Subject: Brunswick Unit 1---Acceptance review for the weld overlay relief request (L-2018-LLR-0030)

By letter dated March 19, 2018, Duke Energy Progress (the licensee) requested relief from the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, IWA-4411, at the Brunswick Steam Electric Plant Unit No. 1.

Pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 50.55a(z)(1), the licensee submitted Inservice Inspection Program Alternative ISI-10 for the alternate repair of the degraded dissimilar metal butt welds, 1B21N4A-2-SW1-2 and 1B21N4D-5-SW1-2, of the feedwater N4A and N4D nozzles, respectively, on the basis that the alternate repair provides an acceptable level of quality and safety.

In accordance with Nuclear Regulatory Commission's (NRC's) process as described in LIC-109, "ACCEPTANCE REVIEW PROCEDURES," the NRC staff has performed an acceptance review 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 was also intended to identify whether the request has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

The NRC staff has concluded that the subject relief request does provide technical information in sufficient detail to enable the NRC staff to proceed with its detailed technical review and make an independent assessment regarding the acceptability of the proposed relief request in terms of regulatory requirements and the protection of public health and safety and the environment. If needed, the NRC staff may request for additional information to complete its technical review.

The NRC staff estimates the review effort to be 160 hours.

Andy Hon, Project Manager

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