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Anthony J. Vitale
Site Vice President

NL-18-021

April 06, 2018

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Submittal of Fracture Mechanics Assessment of Embedded Flaw Repair
Acceptability for Indian Point Unit 2
Indian Point Unit 2
Docket No. 50-247
License No. DPR-26

Reference: 1. Relief Request Number IP2-ISI-RR-06- Proposed Alternative to Use Reactor
Vessel Head Penetration Embedded Flaw Weld Repair Method, dated
April 04, 2018.

Dear Sir or Madam:

On April 04, 2018, Pursuant to 10 CFR 50.55a(z)(1), Entergy Nuclear Operations, Inc. (Entergy) requested NRC approval of a relief request to the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components." Entergy proposed to repair the J-groove weld of the Reactor Pressure Vessel Head Penetration #3 using an embedded flaw repair process as an alternative to the defect removal and weld repair provision of ASME Section XI, IWA-4000 and ASME Section III, NB-4450. The use of the Westinghouse embedded flaw repair process for Penetration #3 is consistent with repairs performed for numerous other plants with similar as-found indications in the J-groove weld.

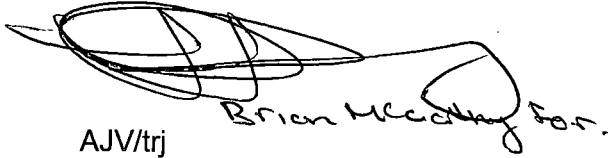
In Reference 1, Attachment 2, Entergy committed to submitting Westinghouse Letter LTR-SDA-18-035, Fracture Mechanics Assessment of Embedded Flaw Repair Acceptability for Indian Point Unit 2, prior to entering Mode 5 during the present refueling outage, 2R23.

Included in Attachment 1 of this letter is Westinghouse Letter LTR-SDA-18-035, Fracture Mechanics Assessment of Embedded Flaw Repair Acceptability for Indian Point Unit 2.

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Entergy is making no commitments in this letter. Should you have any questions regarding this matter, please contact Mr. Robert Walpole, Manager, Regulatory Assurance, Indian Point Energy Center at (914) 254-6710.

Sincerely,



A handwritten signature in black ink, appearing to read "Brian McLaughlin". The signature is stylized and somewhat illegible due to the cursive nature of the writing.

AJV/trj

Attachment 1: Fracture Mechanics Assessment of Embedded Flaw Repair Acceptability for Indian Point Unit 2

cc: Mr. David Lew, Acting Regional Administrator, NRC Region I
Mr. Richard Guzman, NRR Senior Project Manager
Unit 2 NRC Resident Inspector's Office