



Entergy Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P. O. Box 249
Buchanan, NY 10511-6700
Tel (914) 254-6700

Anthony J. Vitale
Site Vice President

10 CFR 50.59

NL-20-038

April 23, 2020

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

Subject: Response to U.S. Nuclear Regulatory Commission Region I Letter
Regarding Algonquin Incremental Market Project Pipeline

Indian Point Nuclear Generating Unit Nos. 2 and 3
NRC Docket Nos. 50-247 and 50-286
Renewed Facility Operating License Nos. DPR-26 and DPR-64

- References:
- 1) "Report of the U.S. Nuclear Regulatory Commission [NRC] Expert Evaluation Team on Concerns Pertaining to Gas Transmission Lines Near the Indian Point Nuclear Power Plant," (ADAMS Accession No. ML20100F635), dated April 8, 2020
 - 2) NRC's Office of the Inspector General (OIG) Event Inquiry Report, "Concerns Pertaining to Gas Transmission Lines at the Indian Point Nuclear Power Plant," (OIG Case No. 16-0624) (ADAMS Accession No. ML20056F095), dated February 13, 2020
 - 3) NRC Letter to Entergy Nuclear Operations, Inc. (Entergy), "Safety Evaluation and Supporting Analysis Regarding the Algonquin Incremental Market Project Pipeline Near the Indian Point Energy Center, Units 2 and 3," (ADAMS Accession No. ML20113F066), dated April 23, 2020

Reference 1 transmitted the report of the U.S. Nuclear Regulatory Commission (NRC) Expert Evaluation Team on concerns pertaining to the gas transmission lines near the Entergy Nuclear Operations, Inc. (Entergy) Indian Point Nuclear Generating Unit Nos. 2 and 3 (Indian Point Energy Center, hereafter referred to as IPEC) plant site. The independent team of experts concluded that the NRC and Entergy used optimistic assumptions in analyzing the potential impacts to the IPEC site from a postulated rupture of the 42-inch Algonquin Incremental Market (AIM) natural gas transmission pipeline. The NRC Team performed its own evaluation and determined that the IPEC reactors would remain safe in the unlikely event of a pipe rupture. Specifically, the Team determined that a rupture of the 42-inch natural gas transmission pipeline that runs near IPEC is unlikely.

The NRC Team recommended that Entergy revisit the assumptions used to identify the risk posed by a postulated rupture of the 42-inch pipeline near IPEC. Specifically, Entergy should be asked to assess the importance of these assumptions to its original conclusions and update its hazards analysis, if needed.

In Reference 3, the NRC transmitted a request to update our evaluation and supporting analysis of the 42-inch gas pipeline rupture as necessary and assess the validity and materiality of our assumptions, including the impact of updated information from pipeline operator Enbridge on those assumptions.

Entergy is currently reviewing the validity and materiality of the assumptions made in previous analyses and will update or clarify the hazards analysis as appropriate. These reviews and associated updates or clarifications, if needed, are expected to be complete by June 30, 2020, and will be available for NRC inspection at that time.

This letter contains no new regulatory commitments.

Should you have any questions or require additional information, please contact Robert Walpole, Director, IPEC Regulatory and Performance Improvement, at 914-254-6710.

Respectfully,

A handwritten signature in black ink, appearing to read "Robert Walpole", written in a cursive style.

AJV/sp/cdm

cc: Regional Administrator, NRC Region I
NRC Senior Resident Inspector, Indian Point Energy Center
NRC Senior Project Manager, NRC NRR DORL
President and CEO, NYSERDA
New York State (NYS) Public Service Commission