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Anthony J. Vitale
Site Vice President

August 23, 2018

NL-18-067

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike, OWFN-2 F1
Rockville, MD 20852-2738

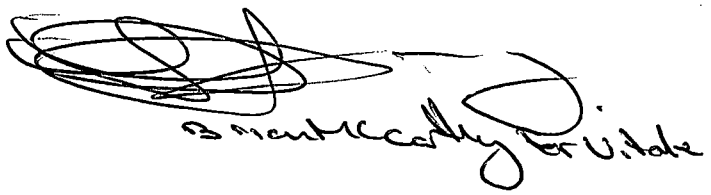
SUBJECT: **10 CFR 50.59(d)(2) Summary Report for Indian Point Units 1 and 2**
Indian Point Unit Nos. 1 and 2
Docket Nos. 50-003 and 50-247
License Nos. DPR-5 and DPR-26

Dear Sir or Madam:

Pursuant to 10 CFR 50.59(d)(2), Entergy Nuclear Operations, Inc. (Entergy) herein submits in the Attachment a 50.59 summary report of the changes, tests and experiments implemented at Indian Point Unit Nos. 1 and 2 between June 17, 2016 and April 21, 2018, and/or utilized in support of the UFSAR update. The 50.59 Evaluations set forth in the report represent the changes in the facilities, changes in procedures, or tests and experiments implemented pursuant to 10 CFR 50.59.

There are no new commitments made by Entergy in this submittal. If you have any questions or require additional information, please contact Mr. Robert Walpole, Regulatory Assurance Manager at (914) 254-6710.

Sincerely,



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IE47
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Attachment: 10 CFR 50.59(d)(2) Summary Report of Changes, Tests and Experiments

cc: Mr. Richard Guzman, Senior Project Manager, NRC NRR DORL
Mr. David Lew, Regional Administrator, NRC Region 1
NRC Resident Inspector's Office
Ms. Alicia Barton, President and CEO, NYSERDA
Ms. Bridget Frymire, New York State Dept. of Public Service

ATTACHMENT

to NL-18-067

10 CFR 50.59(d)(2) Summary Report of
Changes, Tests, and Experiments

ENTERGY NUCLEAR OPERATIONS, INC.
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 1 AND 2
DOCKET NOS. 50-003 AND 50-247

50.59(d)(2) Summary Report of Changes, Tests and Experiments

50.59 Evaluation No.	Rev.No	TITLE
16-2003-00-EVAL	2	EC-68342 / Temporary Routing of Hose from SWN-45 Leakage Catch Container to SW Return header

Brief Description of the Change, Test or Experiment

SWN-45 has developed a packing leak and the leakage volume needs to be contained and rerouted back to the Service Water return header via SWN-985. A temporary leakage control system comprised of a catch container, 1" diameter flexible hose, submersible sump pump and a 1" check valve will be installed. The catch container will be placed under SWN-45 to contain the leakage and an automatic float-type submersible pump will be placed within the catch container to transport the leakage to a 1" connection in the service water discharge line at valve SWN-985. The proposed catch container along with the leaking valve will be enclosed as necessary to ensure no other system leakage other than from SWN-45 is discharged. The 1" check valve is installed at the system connection to valve SWN-985 to prevent any leakage out of the service water system in case the flexible hose fails or becomes disconnected from the check valve.

Summary of the 10 CFR 50.59 Evaluation

The probability of occurrence and the consequences of an accident or SSC malfunction are unaffected by the installation of a temporary leakage control system to re-route the water back into the service water discharge header. UFSAR 6.7.2.2.5 states that a service water leak shall be diverted to floor drains to the PAB sump tank or PAB sump where it will then be transferred to the waste hold up tank. The temporary container will collect leakage from the service water return line downstream of the containment fan coolers and transport it back into the same return line. Design of the temporary leakage control system ensures that this activity does not result in any unmonitored release to the environment. Therefore, this activity does not introduce any adverse impacts on accident or transient analyses described in the UFSAR.