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Ran B. Gilmore
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Waterford 3

10 CFR 21.21(a)(2)

W3F1-2018-0040

July 5, 2018

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Interim Report of a Deviation or Failure to Comply
Waterford Steam Electric Station, Unit 3 (Waterford 3)
License No. NPF-38
Docket No. 50-382

Dear Sir or Madam:

Pursuant to 10 CFR 21.21(a)(2), Waterford 3 hereby submits this interim report.

The deviation to be evaluated is the failure of Westinghouse Process Analog Computer (PAC) Analog Comparator (NAC) model number 2838A32G01, Control Board (NCB) model number 2838A30G011, and Prom Logic (NPL) model number 2838A33G01 circuit cards. Texas Instrument S/N74LS04N W113 Hex Inverter chips are the cause of the Westinghouse card failures, with lot numbers 45CT3VK, 45CT8VK, and 43A80KM being suspect. Westinghouse is performing an investigation of the chip failures. Evaluation of the failure is expected to be complete by August 21, 2018.

There are no regulatory commitments contained in this correspondence.

Should you have questions regarding this report, please contact John P. Jarrell, Regulatory Assurance Manager, at (504) 739-6685.

Sincerely,

Ran B. Gilmore
for J. DINFELLI

RBG/JPJ/ajh

cc: Mr. Kriss Kennedy, Regional Administrator
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