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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

January 4, 2018

Mr. Tom Ray  
Site Vice President  
Duke Energy Carolinas, LLC  
McGuire Nuclear Station  
MG01VP/12700 Hagers Ferry Road  
Huntersville, NC 28078

SUBJECT: MCGUIRE NUCLEAR STATION – NRC MATERIAL CONTROL AND  
ACCOUNTING INSPECTION REPORT 05000369/2017405 AND  
05000370/2017405

Dear Mr. Ray:

On December 13, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed a Material Control and Accounting inspection at your McGuire Nuclear Station Units 1 and 2. The NRC inspector discussed the results of this inspection with Mr. Snider and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspector did not identify any finding or violation of more than minor significance.

This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding." However, the enclosed report contains Security-Related Information, so it will not be made publicly available in accordance with 10 CFR 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related

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Information—Withhold from public disclosure under 10 CFR 2.390” in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,

/RA/

Frank Ehrhardt, Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos.: 50-369, 50-370  
License Nos.: NPF-9, NPF-17

Enclosure:  
NRC Material Control and Accounting  
IR 05000369/2017405 and 05000370/2017405  
w/Attachment - Supplemental Information

cc: w/enclosure: (See Page 3)  
cc: w/o enclosure: Distribution via ListServ

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ADAMS ACCESSION NUMBER: **ML18004A457** (Cover letter w/ enclosure(s))

ADAMS ACCESSION NUMBER: **ML18004A480** (Cover letter)

<b>Entire Report:</b> <input type="checkbox"/> SUNSI Review Complete		<input type="checkbox"/> Non-Sensitive <input checked="" type="checkbox"/> Sensitive		<input type="checkbox"/> Publicly Available <input checked="" type="checkbox"/> Non-Publicly Available		Keyword: MD 3.4 Non-Public A.3
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