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10 CFR 26.719(c)

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325, 50-324 / RENEWED LICENSE NOS. DPR-71 AND DPR-62

CATAWBA NUCLEAR STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-413, 50-414 / RENEWED LICENSE NOS. NPF-35 AND NPF-52

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261 / RENEWED LICENSE NO. DPR-23

MCGUIRE NUCLEAR STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-369, 50-370 / RENEWED LICENSE NOS. NPF-9 AND NPF-17

OCONEE NUCLEAR STATION, UNIT NOS. 1, 2 AND 3  
DOCKET NOS. 50-269, 50-270, AND 50-287 / RENEWED LICENSE NOS. DPR-38, DPR-47,  
AND DPR-55

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1  
DOCKET NO. 50-400 / RENEWED LICENSE NO. NPF-63

**SUBJECT: 10 CFR 26.719(c)(1) Report - Unsatisfactory Performance of a Health and Human Services Certified Laboratory**

Ladies and Gentlemen:

In accordance with 10 CFR 26.719(c)(1), Duke Energy Carolinas, LLC and Duke Energy Progress, LLC (collectively referred to as Duke Energy) is submitting a 30-day report detailing unsatisfactory performance of a Health and Human Services (HHS) Certified Laboratory.

10 CFR 26.719(c) stipulates in part that licensees shall notify the NRC within 30 days of completing an investigation of any testing errors or unsatisfactory performance discovered at either a licensee testing facility or an HHS-certified laboratory in the testing of quality control or actual specimens that could adversely reflect on the integrity of the random selection or testing process.

The enclosure to this letter provides a summary of the issue and planned corrective actions.

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This letter contains no new commitments. Should you have any questions, please contact Teddy Reed at (704) 471-5851.

Sincerely,



Mark McNeely  
General Manager, Nuclear Protective Services

Enclosure: 10 CFR 26.719(c)(1) Report, Unsatisfactory Performance of a Health and Human Services Certified Laboratory

cc:

- L. Dudes, Regional Administrator USNRC Region II
- G. Smith, USNRC Senior Resident Inspector – BNP
- J. D. Austin, USNRC Senior Resident Inspector – CNS
- J. Zeiler, USNRC Senior Resident Inspector – HNP
- G. A. Hutto, USNRC Senior Resident Inspector – MNS
- J. Nadel, USNRC Senior Resident Inspector – ONS
- M. Fannon, USNRC Senior Resident Inspector – RNP
- P. Harris, Senior Program Manager – Security Programs and Support Branch
- B. Zaleski, FFD Specialist – Office of Nuclear Security and Incident Response

**ENCLOSURE TO RA-22-0114**

**10 CFR 26.719(c) Report**

**Unsatisfactory Performance of a Health and Human Services Certified Laboratory**

**Summary of Issue:**

On February 9, 2022 specimen identification (SPID) number 0107390254 was received at LabCorp of Research Triangle Park (RTP) from Duke Energy Corporate Access Services. The sample had a presumptive positive test on the initial screen and was scheduled for confirmatory testing. The laboratory reported SPID 0107390254 with a positive result on February 17, 2022 which exceeded the expected turn-around-time. SPID 0107390254 was a blind, positive sample. A 2nd specimen, SPID 0189159593, was received on February 3, 2022 and results were not reported until February 15, 2022 which also exceeded the expected turn-around-time. This specimen was documented on a non-part 26 Chain-of-Custody (COC). An investigation conducted by LabCorp into the processing of these samples determined that the delay in turn-around-time was due to quality control and batch failures. The samples were tested on multiple confirmation batches before final results were obtained.

**Corrective Actions:**

1. Reagents used during the extraction process were switched out with fresh bottles from the same lot.
2. The LabCorp investigation report will be reviewed to determine if barriers can be implemented at Duke Energy.