



Sean T. O'Connor
General Manager, Engineering
Harris Nuclear Plant
5413 Shearon Harris Road
New Hill, NC 27562-9300

OCT 24 2016

919.362.3140

Serial: HNP-16-091

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

Shearon Harris Nuclear Power Plant, Unit 1
Docket No. 50-400/Renewed License No. NPF-63

Subject: Notification to North Carolina Department of Environmental Quality
Sanitary Wastewater Spill 5-Day Letter

Ladies and Gentlemen:

In accordance with Section 5.4.2 of the Shearon Harris Nuclear Power Plant, Unit 1 (HNP), Environmental Protection Plan (Nonradiological), issued as Appendix B to the Renewed Facility Operating License No. NPF-63, Duke Energy Progress, LLC (Duke Energy), is providing a copy of a Sanitary Wastewater Spill 5-Day Letter (HNP-16-090), which was delivered to the North Carolina Department of Environmental Quality (NCDEQ) (Enclosure 1). A written submission to NCDEQ was required as per Part II, Standard Conditions for National Pollutant Discharge Elimination System (NPDES) Permits, Section E(9), of NPDES Permit NC0029586.

If you have any questions or require additional information, please contact John Caves, Manager – Regulatory Affairs, at (919) 362-2406.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Sean O'Connor', written in a cursive style.

Sean T. O'Connor

Enclosure 1: National Pollutant Discharge Elimination System (NPDES)
Permit Number NC0039586, Sanitary Wastewater Spill 5-Day Letter

c: Mr. M. J. Riches, NRC Resident Inspector, HNP
Ms. M. Barillas, NRC Project Manager, HNP
NRC Regional Administrator, Region II



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Enclosure 1

National Pollutant Discharge Elimination System (NPDES) Permit Number NC0039586
Sanitary Wastewater Spill 5-Day Letter

(3 pages including cover)



OCT 12 2016

OCT 13 2016
Benjamin C. Waldrep
Vice President
Harris Nuclear Plant
5413 Shearon Harris Rd
New Hill, NC 27562-9300
919-362-2502
NC DENR Raleigh Regional Office

Serial: HNP-16-090

Mr. Danny Smith, Regional Supervisor
NC Department of Environmental Quality
Division of Water Resources
3800 Barrett Drive
Raleigh, NC 27609

Subject: Duke Energy Progress, LLC
Harris Nuclear Plant
National Pollutant Discharge Elimination System (NPDES) Permit Number NC0039586
Sanitary Wastewater Spill 5-Day Letter

Dear Mr. Smith:

Please accept this letter as the written submission as described in Part II, Standard Conditions for NPDES Permits, Section E(9), of NPDES Permit No. NC0029586.

A release of sanitary wastewater was reported by telephone to the Division of Emergency Management on Sunday, October 9, 2016. Duke Energy personnel observed an onsite sanitary lift station overflowing Saturday, October 8, 2016, at 1620 EDT, due to a loss of power to the lift station. Duke Energy personnel worked diligently during the Hurricane Matthew conditions to return the affected pump station to proper operation. The lift station overflowed for less than an hour and the release was estimated to be less than 1000 gallons. The lift station is located approximately twenty (20) feet from a storm drain which discharges to Harris Lake. Due to heavy rain (measured at the site to be greater than 5 inches) and winds from Hurricane Matthew, it was difficult to determine the exact amount of sewage that went into the storm drain. No adverse effects to Harris Lake were observed as a result of the release, and lake levels appeared to be approximately three (3) feet higher than normal conditions due to rainfall impacts associated with Hurricane Matthew.

Actions taken by Duke Energy include:

- Assessment of the potential impacts to employee health and the environment and determination of immediate corrective actions by the Duke Energy team;
- Use of portable generators to restore temporary service to affected equipment;
- Restoration of primary power service to affected equipment; and
- Investigations and observations of affected drainage areas and discharge location to Harris Lake.

Duke Energy will be evaluating the cause or causes of the service interruption to the lift station to determine if additional controls or measures should be developed and implemented to prevent any similar service disruptions in the future.

If you have any questions or wish to discuss in further detail, please contact Mr. Bob Wilson, Harris Nuclear Plant Environmental Coordinator, at (919) 362-2444 (O) or (919) 714-3937 (M).

I certify, under penalty of law, that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,



Benjamin C. Waldrep, Site Vice President
Harris Nuclear Plant
Duke Energy Progress, LLC

cc: Mr. George Bernard, NC DOA Division of Emergency Management
Mr. Donald Safrit, P.E., Duke Energy Permitting & Compliance