

August 17, 2023

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Subject: Interim Notification Report for Potential Part 21

Dear Sir or Madam:

This letter is being provided as an interim notification on a failure of a Curtiss Wright (CW) supplied Tyco (Agastat) safety related relay. The relay is identified as Agastat Part Number E7102PELL004, Mfg serial number 16120301, CW tag # CJ583101, CW S/N 02.

Duke Energy (Catawba Plant) notified CW on June 22, 2023 of the failure via letter. The Duke letter and background information is provided with this notification. Per Duke non-conformance details N.C. contacts 4 and 6 were found sticking in the open position. The contacts were cycled several times by Duke and eventually broke free. The relay was returned to CW for evaluation, however CW could not duplicate the failure.

As the relay is questionable for reliable service at this point CW is having the relay returned to Tyco for their evaluation. Once the evaluation is complete this report will be updated. CW anticipates an update to this notification with final results by October 15<sup>th</sup>.

Sincerely:



Tim Franchuk  
Sr Director, Quality Assurance  
Curtiss-Wright Nuclear Division, Cincinnati Operations  
513-201-2176  
[TFranchuk@CurtissWright.com](mailto:TFranchuk@CurtissWright.com)



Catawba Nuclear Station

Duke Energy  
CN01VP | 4800 Concord Road  
York, SC 29745

RA-23-0158

June 20, 2023

Curtiss-Wright Nuclear Division  
(Qualtech NP)  
4600 East Tech Drive  
Cincinnati, Oh 45245

Attention: Tim Franchuk, Quality Assurance Director, [tfranchuk@curtisswright.com](mailto:tfranchuk@curtisswright.com)

Subject: Duke Energy Carolinas, LLC (Duke Energy)  
Catawba Nuclear Station, Units 1 and 2  
Request for Curtiss-Wright Determination of 10 CFR 21 Reportability  
Catawba Nuclear Condition Report (NCR) 02475101

RE: Agastat Relay model E7000  
Part number E7012PELL004

The purpose of this letter is to formally notify Curtiss Wright of a discovery by Duke Energy concerning the above described relay. For your convenience the associated Nuclear Condition Report describing the as found condition is attached to this letter.

It is possible that 10 CFR 21 may require Curtiss Wright, as the supplier, to make a report to the NRC. Therefore, Duke Energy requests that Curtiss Wright review this issue against the reporting criteria of 10 CFR 21 and take appropriate action to assure that Curtiss Wright complies with 10 CFR 21 with respect to this issue. Duke Energy requests that Curtiss Wright replies to this letter indicating ownership of the evaluation process and provide documentation of its conclusions relative to 10 CFR 21 reportability for our records within 30 days of receipt of this letter. Please contact Josh Stewart of Catawba Engineering at (803)701-4277 or [Joshua.Stewart@duke-energy.com](mailto:Joshua.Stewart@duke-energy.com) to arrange shipment of failed components if necessary.

Please direct any questions to Ari Tuckman of Catawba Regulatory Affairs at (803) 701-3771.

Sincerely,

A handwritten signature in black ink that reads 'Mandy B. Hare'.

Mandy B. Hare  
Nuclear Support Services Manager  
Catawba Nuclear Station

Letter from Duke Energy to Curtiss Wright  
RA-23-0158  
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bxc:

M.B. Hare  
S.E. Andrews  
A. Linker  
J. Stewart  
A. Beekman