

Event #: 57370	
Event Type: Part 21	
Reporting Org: North Anna Power Station	Notify Date/Time: 2024-10-09 17:07 (EDT)
Licensee: North Anna Power Station	Event Date/Time: 2024-10-08 17:53 (EDT)
	Modify Date/Time: 2024-10-09 17:27
Region: 2	
City: Mineral	Agreement State: Yes
County:	License #:
State: VA	
Notified by: Robert Page	Notifications: Suber, Gregory R2DO
HOO: Kerby Scales	Part 21/50.55 Reactors, - EMAIL
Emergency Class: Non Emergency	
10 CFR Sections:	
21.21(d)(3)(i) Defects And Noncompliance	
PART 21 - DEGRADED VOLTAGE DUE TO A LOOSE TERMINAL CONNECTION SCREW	
The following information was provided by the licensee via phone and email:	
"This is a non-emergency notification submitted in accordance with 10 CFR 21.21(d)(3)(i). A written notification in accordance with 10 CFR 21.21(d)(3)(ii) will be provided within 20 days.	
"On October 8, 2024, North Anna Power Station (NAPS) determined a manufacturing defect affecting the normal AC supply molded case switch for the Unit 1, 1-IV battery charger was reportable under Part 21. On July 29, 2024, the 1-IV battery charger was declared inoperable due to the AC input voltage reading approximately 250 VAC on the B-C phases and A-C phases. The A-B phase voltage was normal at 480 VAC. Troubleshooting determined the normal AC supply molded case switch was the cause of the degraded voltage due to a loose terminal connection screw on the 'C' phase load side of the contacts.	
"The NRC Senior Resident Inspector has been notified."	
Battery Manufacturer: Ametek Solidstate Solutions	
Switch Manufacturer / Model: Eaton / J250K	
The following additional information was obtained from the licensee in accordance with Headquarters Operations Officers Report Guidance:	
The licensee plans to inspect all battery chargers on both units to verify they don't have loose terminal screws. They are unaware of this issue affecting any other site.	