

Power Reactor	Event Number: 49038
Facility: HARRIS Region: 2 State: NC Unit: [1] [ ] [ ] RX Type: [1] W-3-LP NRC Notified By: ARTHUR PAN HQ OPS Officer: PETE SNYDER	Notification Date: 05/15/2013 Notification Time: 19:55 [ET] Event Date: 05/15/2013 Event Time: 06:49 [EDT] Last Update Date: 05/15/2013
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(i) - PLANT S/D REQD BY TS 50.72(b)(3)(ii)(A) - DEGRADED CONDITION 50.72(b)(3)(v)(C) - POT UNCNTRL RAD REL	Person (Organization): JONATHAN BARTLEY (R2DO)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	100	Power Operation

### Event Text

#### TECHNICAL SPECIFICATION REQUIRED SHUTDOWN DUE TO DISCOVERY OF AN UNACCEPTABLE FLAW DURING DATA REVIEW

"On May 13, 2013, during a secondary review of ultrasonic data of the reactor vessel head penetrations performed during Harris Nuclear Plant spring 2012 refueling outage, it was determined that the results for one of the penetrations appeared to not meet the applicable acceptance criteria. Further evaluation completed on May 15, 2013, characterized the flaw as a 0.26 inch flaw an nozzle 49 that overlaps the J-grove weld and exhibits characteristics of primary water stress corrosion cracking. The original examinations were performed per NRC requirements.

"Initial evaluation indicates that the flaw is not through wall and there is no evidence of leakage based on inspections performed on the top of the reactor vessel head during the spring 2012 refueling outage. Operators are shutting down the unit to make the necessary repairs. There is no impact to the health and safety of employees or the public.

"The NRC resident inspector has been informed.

"This report is being made in accordance with 10 CFR 50.72(b)(3)(ii)(A), discovery of a degraded condition, 10 CFR 50.72(b)(2)(i), plant shutdown required by technical specifications, and 10 CFR 50.72(b)(3)(v)(C), a condition which could have prevented the fulfillment of a safety function to control the release of radioactive material."