

King, Mark

From: King, Mark *MKR*
Sent: Monday, September 12, 2011 6:57 AM
To: Bernardo, Robert
Subject: RE:North Anna Rx Trip --- from IOEB Clearinghouse Screening Summary for Friday, September 09, 2011

RE: 4) NORTH ANNA 1 & 2 Trip - Dominion noted that the cause of the negative rate trip (first annunciator out) is still being investigated. At this point, it appears that the grippers for several of the control rods de-energized and dropped RCCAs into the core leading to the negative rate trip. They have confirmed that the flux was decreasing on all four power range channels, but do not have the root cause completed. By their post trip analysis, the trip due to negative flux rate occurred at 13:51:11, followed by the loss of off site power at 13:51:12. Transformers 1-EP-MT-1A, 2-EP-MT-1A, 1B, 1C, all RSSTs, 1-EP-SST-1C and switchyard transformer #2 tripped due to sudden pressure relay actuations (Loss of off site power). Thus, the negative flux rate trip occurred BEFORE the loss of off site power. Pass to the TRG Leads for AFW, ECCS, Electrical Power, EDGs, Emergency Preparedness, Flooding/Missiles, Spent Fuel Handling, Structural and to NRO. Assigned to Bob Bernardo.

Bob, Did they say if they had a normal full scram- i.e., basically all rod bottom lights coming on at the same time. Or was there a few rods dropping first (due to the earthquake shaking causing several dropped rods) causing the "negative rate trip" ---followed by the dropping the rest of the rods into the core. - **Do you know / have you heard?**

Outside of Scope

If you know let me know. Just curious.

Thanks,

Mark

From: Bernardo, Robert
Sent: Friday, September 09, 2011 2:13 PM
Subject: IOEB Clearinghouse Screening Summary for Friday, September 09, 2011

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Issues for Resolution (IFR): None

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outside of scope

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