

449, 180  
**Martin, Robert**

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**From:** Murphy, Emmett *MR*  
**Sent:** Tuesday, September 13, 2011 3:20 PM  
**To:** Martin, Robert  
**Subject:** FW: Planned Inspections for North Anna Unit 1  
**Attachments:** image001.gif

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**From:** Karwoski, Kenneth *MR*  
**Sent:** Saturday, September 10, 2011 9:59 AM  
**To:** Fletcher, Cecil  
**Cc:** Murphy, Emmett; Murphy, Martin  
**Subject:** Re: Planned Inspections for North Anna Unit 1

Cecil,

This looks reasonable to me.

If anything comes out of these inspections, let us know.

Thanks,

Ken

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**From:** Fletcher, Cecil *RF*  
**To:** Karwoski, Kenneth  
**Sent:** Sat Sep 10 09:32:22 2011  
**Subject:** FW: Planned Inspections for North Anna Unit 1

Ken,

Due to the recent earthquake and subsequent events at NA, they have decided to perform eddy current on one SG in Unit 1 to ensure integrity prior to startup and I will be performing the SGISI for SG A only.

Their planned inspections are in the email just below.

Is there anything outside of the normal items that I should be paying particular attention to?

Cecil

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**From:** (b)(6)  
**Sent:** Friday, September 09, 2011 7:32 AM  
**To:** Fletcher, Cecil  
**Cc:** (b)(6)  
**Subject:** Planned Inspections for North Anna Unit 1

Cecil,

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 6  
FOIA- 2011-0357

920 920  
F/64

Below I've identified the scope of inspections to be performed on Steam Generator A in Unit 1 at North Anna Power Station during the period September 10 through September 17. I also provided a brief description of our inspection schedule. The degradation assessment is currently out for review and comments and will be ready for your review next week.

Tony

## **SG "A" ONLY**

### **The primary side work scope is defined to include:**

- i. There will be no visual inspection for evidence of leakage of previously installed plugs in the hot and cold legs since there are no installed plugs.
- ii. Bobbin coil inspection of the full length of all tubes in service, except for the U-bend region of Row 1 tubes.
- iii. Rotating coil inspection of the U-bend region of all Row 1 tubes in service (approximately 98 tubes).
- iv. Rotating coil inspection of the hot leg top of tubesheet region (TSH +3 to TSH -3) of 993 tubes. The tubes selected for inspection will include a 50% sample of tubes in the defined special interest areas as shown in the Dominion Outage Plan documents.
- v. Rotating coil inspection of the cold leg top of tubesheet region (TSC +3 to TSC -3) of 570 tubes.
- vi. Rotating coil inspection of 100 additional locations of interest as defined by Dominion.

### **The secondary side base scope work includes:**

- I. SSI/FOSAR at the top of the tubesheet if possible loose parts are detected by ECT
- ii. Visual inspection of the internal blowdown piping and wrapper supports at the top of the tubesheet
- iii. steam drum visual inspection
- iv. 7th TSP visual inspection
- v. J-nozzle visual inspections

The primary work scope is scheduled to begin on Saturday September 10 mid day and end on Saturday September 17. We will have a common day off on Sunday September 11 and we are only running 1 robot. Bobbin inspections will last about 3 to 3½ days and RPC exams will last another 3 to 3 ½ days. Dependent on having no equipment issues we should finish by the end of that week.

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