

## **NRR-PMDAPem Resource**

---

**From:** Zurawski, Lisa M:(GenCo-Nuc) <lisa.zurawski@exeloncorp.com>  
**Sent:** Tuesday, October 18, 2016 5:31 PM  
**To:** Hughey, John; Distel, David J:(GenCo-Nuc); Merkle, Donald:(GenCo-Nuc); Lynde, James M:(GenCo-Nuc)  
**Cc:** Spitzer, Douglas J:(GenCo-Nuc); Kuchenbecker, James P:(Contractor - GenCo-Nuc)  
**Subject:** [External\_Sender] Response to question about FLEX equipment maintenance and testing.

Question: Is Byron using the EPRI report regarding FLEX maintenance and testing?

Response: The Preventative Maintenance (PM) and Testing Program for FLEX equipment was developed using existing procedures and processes ER-AA-200, Preventative Maintenance Program, and WC-AA-120, Preventative Maintenance PM Database Revision Requirements. The program satisfies NEI 12-06 section 11.5 by utilizing the following sources for maintenance and testing requirements:

- A. Original Equipment Manufacture's Recommendations
- B. Exelon Corporate PM Templates which were developed using INPO AP- 913 process and Electric Power Research Institute Report 3002000623 entitled "Nuclear Maintenance Applications Center: Preventive Maintenance Basis for FLEX Equipment."
- C. Operating Experience
- D. Material Aging and Shelf Life (including consumables and fluids)

These requirements were applied to equipment which "directly performs FLEX mitigation strategy for core cooling, containment or spent fuel cooling" (NEI 12-06 11.5).

Any revisions to the scope or frequency of preventive maintenance or testing of FLEX equipment will be evaluated and authorized in accordance with ER-AA-200 and WC-AA-120.

*Lisa Zurawski*

**Byron Station**  
**Principal Regulatory Engineer**

☎815-406-2991

✉Lisa.Zurawski@exeloncorp.com

This Email message and any attachment may contain information that is proprietary, legally privileged, confidential and/or subject to copyright belonging to Exelon Corporation or its affiliates ("Exelon"). This Email is intended solely for the use of the person(s) to which it is addressed. If you are not an intended recipient, or the employee or agent responsible for delivery of this Email to the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this Email is strictly prohibited. If you have received this message in error, please immediately notify the sender and permanently delete this Email and any copies. Exelon policies expressly prohibit employees from making defamatory or offensive statements and infringing any copyright or any other legal right by Email communication. Exelon will not accept any liability in respect of such communications. -EXCIP

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 3109

**Mail Envelope Properties** (DD36716564A86A4B8BFB3CA6B9EED3EFA8BD55A6)

**Subject:** [External\_Sender] Response to question about FLEX equipment maintenance and testing.  
**Sent Date:** 10/18/2016 5:31:01 PM  
**Received Date:** 10/18/2016 5:31:37 PM  
**From:** Zurawski, Lisa M:(GenCo-Nuc)  
**Created By:** lisa.zurawski@exeloncorp.com

**Recipients:**

"Spitzer, Douglas J:(GenCo-Nuc)" <douglas.spitzer@exeloncorp.com>  
Tracking Status: None  
"Kuchenbecker, James P:(Contractor - GenCo-Nuc)" <James.Kuchenbecker@exeloncorp.com>  
Tracking Status: None  
"Hughey, John" <John.Hughey@nrc.gov>  
Tracking Status: None  
"Distel, David J:(GenCo-Nuc)" <David.Distel@exeloncorp.com>  
Tracking Status: None  
"Merkle, Donald:(GenCo-Nuc)" <Donald.Merkle@exeloncorp.com>  
Tracking Status: None  
"Lynde, James M:(GenCo-Nuc)" <James.Lynde@exeloncorp.com>  
Tracking Status: None

**Post Office:** exchm-ccc-21.exelonds.com

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2211	10/18/2016 5:31:37 PM

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**