

From: Peter Tam
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internet:steven.leonard@nmp.cn.com; internet:wolniakd@nimo.com
Date: 8/6/02 4:23PM
Subject: Amendment re. EDG allowed outage (**TAC MB4612**)

Steve:

By letter dated March 27, 2002, you proposed changes to the Nine Mile Point, Unit 1 (NMP1) Technical Specifications for extending the allowed outage time (AOT) up to 14 days for the emergency diesel generators (EDGs) to perform a preventive or a corrective maintenance during plant operation. Our review of that application is ongoing. Our reviewer, Saba Saba, has the following issues to discuss with you. Please set up a conference call with me ASAP for these issues:

1. Discuss the reasons and bases to extend the present AOT for an inoperable EDG from 7 days to 14 days.
2. Discuss and provide information on the reliability and availability of offsite power sources relating to the proposed change. The discussion should include duration, cause, date and time of each loss-of-offsite power (partial or complete) event.
3. It is staff's understanding that the purpose of the requested amendment is to allow an increased outage time during plant power operation for performing EDG inspection, maintenance, and overhaul, which would include disassembly of the EDG. EDG operability verification after a major maintenance or overhaul may require a full load rejection test. If a full load rejection test is performed at power, please address the following:
 - a. What would be the typical and worse-case voltage transients on the 4160-V safety buses as a result of a full-load rejection?
 - b. If a full-load rejection test is used to test the EDG governor after maintenance, what assurance would there be that an unsafe transient condition on the safety bus (i.e., load swing or voltage transient) due to improperly performed maintenance or repair of a governor would not occur?
 - c. Using maintenance and testing experience on the EDG, identify possible transient conditions caused by improperly performed maintenance on the EDG governor and voltage regulator. Discuss the electrical system response to these transients.
 - d. Provide the tests to be performed after the overhaul to declare the EDG operable and provide justification of performing those tests at power.
4. What type of communication has been established between the control room operator of NMP1 and the System Load Dispatcher? Is the System Load Dispatcher notified in advance that the EDG is going to be out for an extended period of time?
5. It is our practice to grant an EDG AOT extension to those licensees who have either installed an alternate AC source that can be substituted for an inoperable EDG or excess power capacity from the existing EDGs supplied through bus cross-ties that can be temporarily used to compensate for an EDG in an extended AOT. Please indicate if you have an extra power source that can be used in this capacity.

6. You stated that fire pumps can be used to deliver water as a feed water make up source to the Reactor Vessel. Please discuss in detail, how this will be accomplished.

7. Discuss and provide information on the reliability and unavailability of EDGs, and how they are being controlled at NMP1. Are the EDG reliability goals chosen for Station Blackout being met?

8. Discuss how the EDG reliability and unavailability target values chosen to satisfy the requirements of Maintenance Rule are being maintained?

This email aims solely to prepare you for a conference call. **It does not formally request additional information, nor does it convey a formal NRC staff position.** Disposition of the above issues will be discussed in the conference call.

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Recipients	Action	Date & Time
nimo.com dosaj (INternet:dosaj@nimo.com) mackamanc (internet:mackamanc@nimo.com) wolniakd (internet:wolniakd@nimo.com)	Transferred	08/06/02 04:23PM
steven leonard (internet:steven.leonard@nmp.cn.c	Transferred	08/06/02 04:23PM
Post Office nimo.com steven	Delivered	Route INternet internet:nmp.cn.com

Files	Size	Date & Time
MESSAGE	5328	08/06/02 04:23PM

Options
Auto Delete: No

Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply Requested:	No
Return Notification:	None
Concealed Subject:	No
Security:	Standard
To Be Delivered:	Immediate
Status Tracking:	Delivered & Opened