

**From:** Robert Clark  
**To:** Thomas Harding  
**Date:** 9/26/01 10:13AM  
**Subject:** CREATS Instrumentation Design Changes

Tom:

Following are questions the staff would like to discuss with Ginna regarding the proposed design changes for the CREATS actuation instrumentation . We would like to set up a conference call with you tomorrow, Thursday September 27, 2001 at 1:00 p.m. Please advise if this is agreeable with you.

These questions are only transmitted to you to facilitate the conference call. These questions do not at this time communicate an official NRC position nor do they constitute a formal request for additional information. We will discuss disposition (edit, delete etc.) of these questions in the conference call.

Thank you  
Bob Clark, Ginna Project Manager

NRR Questions Concerning License Amendment Request  
Control Room Emergency Air Treatment System (CREATS)  
Actuation Instrumentation Change

1. Is the CREATS actuation instrumentation safety-related or non safety-related ?
2. If safety-related, address Class 1E requirements for separation, single failure criterion, seismic, and Class 1E quality assurance classification. Indicate the power source (un-interruptible power supply, dc, or emergency ac) and the impact of additional load on this power source during a design-bases accident.
3. If non safety-related, address how electrical isolation will be maintained between safety and non-safety related loads. Describe how safety and non-safety related cables are to be routed (etc., cable separation criterion). If the CREATS actuation circuitry is not stripped from the safety-related buses on loss of offsite power (LOOP), indicate if the additional loads placed on the emergency buses were analyzed (normal load and high impedance fault) to ensure that the buses will not be degraded during a design-bases accident.

**CC:** Duc Nguyen

**ACCESSION NO.:** ML012690188

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**Subject:** CREATS Instrumentation Design Changes  
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**Created By:** RLC2@nrc.gov

<b>Recipients</b>	<b>Action</b>	<b>Date &amp; Time</b>
nrc.gov owf2_po.OWFN_DO DTN1 CC (Duc Nguyen)	Delivered	09/26/01 10:13AM
rge.com Thomas_Harding (Thomas Harding)	Transferred	09/26/01 10:13AM

<b>Post Office</b>	<b>Delivered</b>	<b>Route</b>
owf2_po.OWFN_DO	09/26/01 10:13AM	nrc.gov rge.com

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CREATS.wpd	3547	09/26/01 09:38AM
MESSAGE	2858	09/26/01 10:13AM

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