

NRC FORM 361  
(08-15-2024)

U.S. NUCLEAR REGULATORY COMMISSION  
OPERATIONS CENTER

APPROVED BY OMB: NO. 3150-0238

EXPIRES: 07/31/2026



**REACTOR PLANT EVENT  
NOTIFICATION WORKSHEET**

Estimated burden per response to comply with this voluntary collection request: 30 minutes. The information provided will be used for evaluation of licensee event description, facility status and for input to the public website. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0238), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

EN # 57437

NRC OPERATIONS TELEPHONE NUMBERS: PRIMARY - 301-816-5100 or 800-532-3469#, BACKUPS - [1st ] 301-951-0550 or 800-449-3694#, [2nd] 301-415-0550 and [3rd] 301-415-0553. #Licensees who maintain their own ETS are provided these telephone numbers.  
FAX - 301-816-5151, EMAIL - hoo.hoc@nrc.gov

<b>Notification Time</b> 12:50	<b>Facility or Organization</b> James A. FitzPatrick	<b>Unit</b> 1	<b>Name of Caller/Title</b> Ryan Perry / Shift Manager		<b>Call Back #</b> (315) 349-6664
<b>Event Time &amp; Zone</b> 17:01 EST	<b>Event Date</b> 09/26/2024	<b>Power/Mode (At Time of Event)</b> 100% / Mode 1		<b>Power/Mode (At Time of Notification)</b> 100% / Mode 1	
<b>EVENT CLASSIFICATION</b>		<b>1-HR. NON-EMERGENCY 10 CFR 50.72(b)(1)</b>		<input type="checkbox"/> (v)(A) Safe S/D Capability	AINA
<input type="checkbox"/> GENERAL EMERGENCY	GEN/AAEC	<input type="checkbox"/> TS Deviation	ADEV	<input type="checkbox"/> (v)(B) RHR Capability	AINB
<input type="checkbox"/> SITE AREA EMERGENCY	SIT/AAEC	<b>4-HR. NON-EMERGENCY 10 CFR 50.72(b)(2)</b>		<input type="checkbox"/> (v)(C) Control of Rad Release	AINC
<input type="checkbox"/> ALERT	ALE/AAEC	<input type="checkbox"/> (i) TS Required S/D	ASHU	<input type="checkbox"/> (v)(D) Accident Mitigation	AIND
<input type="checkbox"/> UNUSUAL EVENT	UNU/AAEC	<input type="checkbox"/> (iv)(A) ECCS Discharge to RCS	ACCS	<input type="checkbox"/> (xii) Offsite Medical	AMED
<input type="checkbox"/> 50.72 NON-EMERGENCY	(see next columns)	<input type="checkbox"/> (iv)(B) RPS Actuation (scram)	ARPS	<input type="checkbox"/> (xiii) Loss Comm/Asmt/Response	ACOM
<input type="checkbox"/> 10 CFR 73	D???	<input type="checkbox"/> (xi) Offsite Notification	APRE	<b>60-DAY OPTIONAL 10 CFR 50.73(a)(1)</b>	
<input type="checkbox"/> MATERIAL/EXPOSURE	B???	<b>8-HR. NON-EMERGENCY 10 CFR 50.72(b)(3)</b>		<input type="checkbox"/> Invalid Specified System Actuation	AINV
<input type="checkbox"/> FITNESS FOR DUTY	HFIT	<input type="checkbox"/> (ii)(A) Degraded Condition	ADEG	<b>OTHER UNSPECIFIED REQUIREMENT (IDENTIFY)</b>	
<input checked="" type="checkbox"/> OTHER UNSPECIFIED REQMT.	(see last column)	<input type="checkbox"/> (ii)(B) Unanalyzed Condition	AUNA	<input checked="" type="checkbox"/> 10 CFR 21.21(a)(2)	NONR
<input type="checkbox"/> INFORMATION ONLY	NNF	<input type="checkbox"/> (iv)(A) Specified System Actuation	AESF	<input type="checkbox"/>	NONR

**Event Description** (Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc.) *(Continue on Page 2)*

This notification is a 10 CFR 21.21(a)(2) interim report for General Electric Thermal Overload Relay, model CR124G011, part number DD317A7861P003.

A sample of Overload Relays were sent to PowerLabs for Parts Quality Initiative (PQI) testing. The results were reviewed by James A. FitzPatrick Nuclear Power Plant (JAF) and a deviation in one relay component was discovered. Testing identified a failure to latch on trip which is a deviation from the performance characteristics of the relay.

Under normal operation, the relay would latch into the tripped state requiring a manual reset of the relay. If the relay with the deviation were installed, and if the relay were required to trip, it would do so; however, it would also automatically reset. The unexpected reset could result in unintended cycling of associated equipment including repeated exposure to inrush current and potential damage.

Bench testing would be expected to identify this condition prior to installation. Based on a review, this potential condition does not affect installed equipment. The affected relay was stored at JAF since July 1998.

The cause of the deviation cannot be investigated because the part is not available; however, the evaluation of the potential effect of the condition on equipment where the relay could have been used at JAF is ongoing, and it is expected to be completed by February 28, 2025. This notification is being submitted as an interim report per 10 CFR 21.21(a)(2).

<b>NOTIFICATIONS</b>	<b>YES</b>	<b>NO</b>	<b>WILL BE</b>	
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Anything Unusual or not understood?</b> <input type="checkbox"/> Yes (Explain above) <input checked="" type="checkbox"/> No
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Did all systems function as required?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain above)
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Mode of operations until corrected</b> (if applicable)
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Additional Information continued on next page?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**From:** [Hawes, Mark: \(Constellation Nuclear\)](#)  
**To:** [Hoc, HOO X](#)  
**Cc:** [Perry, Ryan A: \(Constellation Nuclear\)](#); [Eric Miller \(He/Him\)](#); [Veronica Fisher \(She/Her\)](#)  
**Subject:** [External\_Sender] ENS 57437 for interim part 21 from FitzPatrick  
**Date:** Friday, November 22, 2024 1:10:24 PM  
**Attachments:** [ENS 57437, Interim part 21 overload relay.pdf](#)

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Attached is ENS 57437 form 361 from James A. FitzPatrick Nuclear Power Plant (JAF) for interim part 21 on thermal overload relay.

If you have any questions please ask,

Mark Hawes

845-476-8541

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