

NRC FORM 361
(07-01-2023)

U.S. NUCLEAR REGULATORY COMMISSION
OPERATIONS CENTER

APPROVED BY OMB: NO. 3150-0238

EXPIRES: 07/31/2023



**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, IT-6 A10M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to FOIA.Library@nrc.gov and the OMB reviewer at OMB Office of Information and Regulatory Affairs, (3150-0238), Attention Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503, email omb-nrc@omb.eop.gov. 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 # 56641

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

Notification Time 0810 CDT	Facility or Organization River Bend Station	Unit 1	Name of Caller/Title BRIAN SMITH / HOO	CALL BACK # (225) 381-4524
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Event Time & Zone 15:14 CDT	Event Date 7/18/23	Power/Mode (At Time of Event) 100%/Mode 1	Power/Mode (At Time of Notification) 100%/Mode 1
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EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		60-Day Optional 10 CFR 50.73(a)(1)	
<input type="checkbox"/> GENERAL EMERGENCY	GEN/AAEC	<input type="checkbox"/> TS Deviation	ADEV	<input type="checkbox"/> (v)(A) Safe S/D Capability	AINA
<input type="checkbox"/> SITE AREA EMERGENCY	SIT/AAEC	4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		<input type="checkbox"/> (v)(B) RHR Capability	AINB
<input type="checkbox"/> ALERT	ALE/AAEC	<input type="checkbox"/> (i) TS Required S/D	ASHU	<input type="checkbox"/> (v)(C) Control of Rad Release	AINC
<input type="checkbox"/> UNUSUAL EVENT	UNU/AAEC	<input type="checkbox"/> (iv)(A) ECCS Discharge to RCS	ACCS	<input type="checkbox"/> (v)(D) Accident Mitigation	AIND
<input type="checkbox"/> 50.72 NON-EMERGENCY	(see next columns)	<input type="checkbox"/> (iv)(B) RPS Actuation (scram)	ARPS	<input type="checkbox"/> (xii) Offsite Medical	AMED
<input type="checkbox"/> PHYSICAL SECURITY (73.71)	DDDD	<input type="checkbox"/> (xi) Offsite Notification	APRE	<input type="checkbox"/> (xiii) Loss Comm/Asmt/Response	ACOM
<input type="checkbox"/> MATERIAL/EXPOSURE	B????	8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		<input type="checkbox"/> Invalid Specified System Actuation	AINV
<input type="checkbox"/> FITNESS FOR DUTY	HFIT	<input type="checkbox"/> (ii)(A) Degraded Condition	ADEG	OTHER UNSPECIFIED REQUIREMENTS (IDENTIFY)	
<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(d)(3)(i)	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.) *(Continued on Page 2)*
 On July 18, 2023 while in Mode 1 and at 100% power, River Bend Station completed an internal Part 21 evaluation on a Motor Driven Relay (MDR) that failed preinstallation testing. The evaluation concluded that a failure to comply that could create a substantial safety hazard existed.

 MDR 66-4 serial number 29 supplied by Curtiss-Wright Nuclear under Purchase Order 10552971 failed preinstallation testing. A failure analysis was performed on the relay which determined that the failure was due to buildup of corrosion between the rotor and relay core.

 The relay was planned for use in the Remote Shutdown System.

 The NRC Resident has been notified.

 This is a non-emergency notification required by 10 CFR 21.21(d)(3)(i).

 A written notification will be provided within 30 days.

NOTIFICATIONS	YES	NO	WILL BE	
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anything Unusual or not understood? <input type="checkbox"/> Yes (Explain above) <input checked="" type="checkbox"/> No
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Did all systems function as required? <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"/>	Mode of operations until corrected (if applicable) Mode 1
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Additional Information continued on next page? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No