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10 CFR 50.73

September 17, 2007 RA-2007-026

U. S. Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555 - 0001

> **Oyster Creek Nuclear Generating Station** Facility Operating License No. DPR-16 NRC Docket No. 50-219

Licensee Event Report 2007-001-00, Automatic Reactor Scram Following Subject: Trip of Reactor Feed Pump

Enclosed is Licensee Event Report 2007-001-00, Automatic Reactor Scram Following Trip of Reactor Feed Pump. This event did not affect the health and safety of the public or plant personnel. This event did not result in a safety system functional failure. There are no new regulatory commitments made in this LER submittal.

If any further information or assistance is needed, please contact Stevie Du Pont, Regulatory Assurance at 609-971-4033 or Jeff Dostal, Operations, at 609-971-4572.

Sincerely,

YS. Rausch

Vice President, Oyster Creek Nuclear Generating Station

Enclosure: NRC Form 366, LER 2007-001-00

Administrator, USNRC Region I CC: USNRC Project Manager, Oyster Creek USNRC Senior Resident Inspector, Oyster Creek File No. 07035

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1. FACILITY NAME 2. DOCKET   Oyster Creek, Unit 1 05000219   RRATIVE (If more space is required, use additional copies of NRC Form 366A)   Unit Conditions Prior to the Event.   The unit was in Power Operation at 99.8% reactor power components out of service that contributed to this event.   Description of the Event   An automatic reactor scram occurred at 05:21 on July 17 following a trip of the "C" RFP. The "C" RFP overload als by the breaker trip alarm at 05:20. Reactor vessel wate water flow. The Reactor Operator started manually decr reactor power to 70% reactor power in order to meet the Creek plant design does not have an automatic Reactor power in the event of the loss of an RFP. The reactor op to within the capacity of two RFPs prior to reaching the low atter Level setpoint. Lo-Lo level actuations include components include components.	7, 2007, due to a low read arm was received in the nor r level decreased rapidly easing Reactor Recircula capacity of the two rema Recirculation Pump runba perator was not successfu	ctor water level condition main control room follow due to the loss of feed ation Pump speed to low ining RFPs. The Oyste ack feature to reduce ul in reducing reactor po
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Gas Treatment System, Low Pressure Core Spray, and the collapse and heating of the colder feed water resulted in eventually above 180 inches above the top of active fuel isolation Condensers. Electromatic Relief Valves (EMR) during the recovery to control pressure and also resulted where the Isolation Condensers could be utilized to main were then used to cool down the plant to where Shut Dor As a result of the heatup of the Torus, Containment Spra Torus Temperature at 06:57. Shutdown cooling was pla shutdown at 14:00. All plant systems performed as designed.	tainment isolation and the the Isolation Condensers. a level increase to high in (TAF) which initially prec Vs) were manually opener in lowering of reactor ver- tain reactor pressure. The wn Cooling could be place ay ESW was placed in To ced into service at 10:05	e initiation of the Stand . Reversal of the initial n the control band and cluded the use of the d on three occasions essel water level to the p he isolation condensers and into service at 150 p orus cooling to reduce

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1. FACILITY NAME	2. DOCKET		6. LER NUMBER		3. PAGE
Dyster Creek, Unit 1	05000219	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
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RATIVE (If more space is required, use addition	al copies of NRC Form 366A)			<b>_</b>	
Analysis of the Event					
There were no actual safety consec consequences of this event were m	inimal. The transient	led to an	automatic so	ram and su	bsequent
operator actions to maintain the ves	ssel level above the to	p of the a	active fuel ter	minated the	e event.
The "C" RFP trip is attributed to an performance. The RFP motor was scheduled to be replaced in the nex	original equipment ar	id had ne	ver been repl		
The Operations Director reviewed of operator performance. A cause de- and repetition needs improvement to operating crews after the event deto mitigate a scram due to a RFP trip immediately verifying and communi- communications within the control r	termination for these i to address some of th ermined that the traini was sufficient but imp	dentified e issues. ng provid rovement	weaknesses Simulator se led to Operat t opportunities	revealed th essions provi ions person s were iden	at training vided to all nnel to tified for
	oom staff to enhance	decision	-making, and	ensuring si	
turnover of critical parameters durin Cause of the Event	oom staff to enhance	decision	-making, and	ensuring si	
turnover of critical parameters durir	ributed to an internal	decision etween co motor gro	-making, and ontrol room si ound fault. Th	ensuring staff. his motor wa	ufficient as original
turnover of critical parameters durir <u>Cause of the Event</u> The cause of the "C" RFP trip is att equipment having never been repla	ributed to an internal	decision etween co motor gro	-making, and ontrol room si ound fault. Th	ensuring staff. his motor wa	ufficient as original
turnover of critical parameters durir <u>Cause of the Event</u> The cause of the "C" RFP trip is att equipment having never been repla	ributed to an internal	decision etween co motor gro	-making, and ontrol room si ound fault. Th	ensuring staff. his motor wa	ufficient as original
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Dyster Creek, Unit 1 0   RATIVE (If more space is required, use additional copies of NR   Corrective Action Completed.   The failed RFP motor was replaced and the play   was conducted to emphasize communication of transients. Preventive maintenance activities here to refurbishments.   Corrective Action Planned.   Operations will implement corrective actions to during transients. In addition, Dynamic Learning sues that can be addressed by repetition in a Previous Similar Occurrences   On January 25, 2006, the "B" Reactor Recirculation pump motor and RFP motor	ant returne of critical p had been o o enhance ng Activitie a simulator lation Pum	ed to full p parameters created pr the comm es will be o r training s np tripped.	s between co ior to this ev nunication of developed fo setting.	- 00 - 00 - 00 - 00 - 00 - 00 - 00 - 00	n staff during iodic RFP rameters performance
Corrective Action Completed. The failed RFP motor was replaced and the pla was conducted to emphasize communication of transients. Preventive maintenance activities h motor refurbishments. Corrective Action Planned. Operations will implement corrective actions to during transients. In addition, Dynamic Learnin ssues that can be addressed by repetition in a Previous Similar Occurrences On January 25, 2006, the "B" Reactor Recircul	ant returne of critical p had been o o enhance ng Activitie a simulator lation Pum	the comm es will be or training s	ower operates between control to this explored to the set of the s	tion. Operator ontrol room rent for per critical par or operator	ator training staff during iodic RFP rameters performance
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On January 25, 2006, the "B" Reactor Recircul			An interna	l fault was	the cause of
			An interna	l fault was	the cause of
replacement during the next refueling outage (			C" RFP moto	r was sche	eduled for
Component Data.					
Component:'C' Reactor Feed Water PuCause:Internal ground faultSystem:FeedwaterComponent:Motor (P-2-2C)Manufacturer:General ElectricModel number:31E724	Imp Motor				

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