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10 CFR 50.73

January 4, 2005 2130-04-20328

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

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

Subject: Licensee Event Report 2004-006-00, Local Leak Rate Test Results in Excess of Technical Specifications

Enclosed is Licensee Event Report 2004-006, Revision 0. This event did not affect the health and safety of the public or plant personnel. There was no safety system functional failure associated with this event.

If any further information or assistance is needed, please contact David Fawcett at 609-971-4284.

Sincerely

C. N. Swenson Vice President, Oyster Creek Generating Station

CNS/DIF Attachment 1: List of Regulatory Commitments

cc: S. J. Collins, Administrator, USNRC Region I P. S. Tam, USNRC Senior Project Manager, Oyster Creek R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek File No. 04116

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ATTACHMENT 1

SUMMARY OF AMERGEN ENERGY CO. LLC COMMITMENTS

The following table identifies commitments made in the document by AmerGen Energy Co. LLC (AmerGen). Any other actions discussed in this submittal represent intended or planned actions by AmerGen. They are described to the NRC for the NRC's information and are not regulatory commitments.

COMMITMENT	COMMITTED DATE OR "OUTAGE"
The MSIV Overhaul Procedure will be revised to include a documented management review prior to eliminating seat lapping even if a successful blue check has been obtained.	04/30/2005

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Oyster Creek, Unit 1	05000219	YEAR		REVISION	
	1	2004	- 006 -	00	2 OF 3
IARRATIVE (If more space is required, use additional copies c	of NRC Form 3664	l			
Description of Event					
On Friday, November 5, 2004, with the plant ir Local Leak Rate Test (LLRT) of Main Steam Is the acceptance criteria of Technical Specifical to 11.9 SCFH at 20 (+3/-0) psig. The actual m	n Cold Shutdo solation Valvo tion 4.5.D.2. neasured leal	own for ref ∋ (MSIV) № The accer (age was 2	fueling outag VS04A (EIIS ptance criteri 24.3 SCFH a	je 1R20, th SB-ISV) fa a is less th t 20.6 psig.	e as-found iled to meet an or equal
The valve was last refurbished during forced of LLRT after maintenance that included replacin performed due to the valve failing to close dur guide rib wear. The valve was refurbished by that time. The poppet and seat were blue che with the blue check indicating complete seat c acceptable reading of 15.965 SCFH at 35 psig	outage 1FO7 ng the valve p ing surveillan weld repair c ocked to assu contact. The g.	in Septem oppet. The ce testing of the guide re 360° co as-left LLF	ber 2004 and e refurbishm . The failure e rib. A new ntact betwee RT was perfc	d had an ac ent of the v to close wa poppet wa en the two c prmed with a	cceptable ralve was as due to s installed at components an
In the 1R20 refueling outage, dimensions of the from the as left conditions identified in 1FO7. any potential minor seating surface issues the LLRT was performed.	he valve intern In 1R20, the at existed. Th	nals were main seat te valve wa	taken and no ling surface v as blue chec	changes א was lapped ked and a נ	were noted eliminating successful
This event is reportable per 10 CFR 50.73(a)(Technical Specifications.	2)(i)(B), any c	peration c	or condition v	vhich was p	prohibited by
Analysis of Event					
The MSIVs are containment isolation valves d resultant offsite dose, in the event of a main s accident was evaluated at the primary contain at an initial pressure of 35 psig that decays to for the next 21.5 hours. The exceeding of 100 unacceptable dose rates downstream of the N	lesigned to m team line bre iment maximu 1.0 psig afte CFR50 Appe MSIVs during	inimize co ak accider um allowat r 2.5 hours ndix J leak an accide	olant loss fro nt. The desig ble accident i s. The 1.0 p (age limits cc nt.	om the vess gn basis los leak rate of sig is assur ould result i	el, and the ss of coolant 1.0% per day ned to remain n
The safety significance of this event is consider limited by the leak rate of the inboard MSIV (N criteria of Technical Specification 4.5.D.2 whe been limited to the leak rate past MSIV NS03/ potential offsite dose and 10 CFR 100 guidelin	ered minimal. IS03A) in the en tested in 11 A. This leaka nes.	The leaka same hea 319. NS04 ge provide	age past NSC ader which m IA leak rate v is adequate r)4A would h let the LLR would there margin betv	nave been T acceptance fore have ween projecte
The acceptance criteria for MSIV LLRT had be to the Facility Operating License for Oyster Cr psig versus previous testing which was perfor more conservative than the previous criteria a	een changed reek. This ch med at 35 ps	between 1 ange allov ig. The ne	1FO7 and 1P wed LLRT to ew criteria of e calculation	120 by Ame be done at 11.9 SCFF	ndment 250 ∶20 (+3/-0) 1 @ 20 psig is

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	LICENSEE EVENT REPORT (LER)						
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NARRATIVE (If more space is required, use additiona	l copies of NRC Form 366A))	·				
Analysis of Event (cont'd)							
A review of industry Operating Experie were leak rates significantly in excess lapped successful LLRTs were perform an original LLRT failure on July 5th and second failure was determined to be d by lapping during the prior maintenance	nce (OE) for MSIV L of their limits that we ned. One reported ir d then failed another eformation of the lov ce outage in July.	LRT reve re unexpl ncident at LLRT on ver seatin	aled numerous cas lained and when th another BWR plar September 6th. T g surface that had	ses where there le valve seat was nt during 1987 had The cause of the not been removed			
Cause of Event							
The apparent cause of the as-found LL poppet seating surface and the valve b the valve to seat differently when the valve LLRT failure. The decision to proceed an acceptable blue check indicating a c	.RT failure was the in ody seating surfaces alve was stroked ent with valve re-assemt complete seat contac	regularity s. These tering the oly in 1FO ct.	of the mating surfa minor irregularities 1R20 refueling out 7 without lapping v	aces between the may have caused age causing the was made based or			
Corrective Actions:							
 The valve was disassembled in 1R was achieved and the valve was re The MSIV Overhaul Procedure will eliminating seat lapping even if a second sec	20 and the valve boc assembled. be revised to includ uccessful blue check	Jy seat wa e a docun < has beer	as lapped. A satisf nented manageme n obtained.	actory blue check nt review prior to			
Additional Information							
A. Failed Components:							
Main Steam Isolation Valve (MSIV)	NS04A (V-1-009)						
 B. Previous similar events: LER 2000-010, Local Leak Rate Te LER 2002-002, Local Leak Rate Te 	est Results in Excess est Results in Excess	3 of Techr 5 of Techr	nical Specifications	, NS04B , NS03A			
	ed to in this Licenser	e Event R	eport:				
C. Identification of components referre							
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