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NRC Form 366A (9-63)	LICENSEE EVENT RE	U.S. NUCLEAR REG REPORT (LER) TEXT CONTINUATION APPROVED OF EXPIRES 8/31 DOCKET NUMBER (2) LER NUMBER (6) YEAR SEQUENTIAL REVISION NUMBER	GULA DMB N 01/85	ULATORY COMMISSION MB NO. 3150-0104 //85									
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Description of the Event

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On June 13, 1984, at 1800 hours following a unit trip from 100%, the Specific Activity Sample of the reactor coolant showed a peak dose equivalent I-131 level of 1.99 microcuries/cc. This exceeds the dose equivalent I-131 limit of ≤ 1.0 microcuries/cc specified in Tech. Spec. 3.1.D.2 and is being reported in accordance with the Special reporting requirements outlined in Tech. Spec. 3.1.D.4.

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Probable Consequences and Status of Redundant Equipment

The limitations on the specific activity of the primary coolant ensure that the resulting 2 hour doses at the site boundary will not exceed an appropriately small fraction of 10 CFR 100 limits following a postulated steam generator tube rupture. Since the dose equivalent I-131 peak was below the Technical Specification upper limit of 10 microcuries/cc, the reactor coolant gross activity was below the value analyzed in the FSAR for a tube rupture and 1% failed fuel. Therefore, the health and safety of the public were not affected.

Cause

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The Iodine Spike was caused by known, but not specifically located, fuel element defects in the reactor core. Post shutdown conditions enhanced the release of fission products, specifically I-131. This caused an increase of the reactor coolant specific activity.

Immediate Corrective Action

The immediate corrective action was to implement the actions required by Tech. Spec. Table 4.1-2B. Specifically, the level of the dose equivalent I-131 was monitored at least once every 4 hours until the level returned to less than 1.0 microcuries/cc.

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SUPPLEMEN	TAL INFORMATION										
The suppl included	emental informati as follows:	on required by T.S	.3.1.D	.4	'Special	1 F	Report	" i	s		
1.	Reactor Power Hi	story 48 hours pri	or to	the	event:						
		0/ 0/ house 1	0.0%								
	June 11, 19	184 - 24 hours at 1 184 - 24 hours at 1	00%								
	June 13, 19	184 @ 1800 hours - 1	Unit a	t 0	% follow	wir	ng tri	р.			
2.	Fuel burnup by c	cre region - as of	June	13,	1984.						
	Fuel Batch	: S2/6B:	3050	9 M	VD/MTU						
	a dea bacon	6C:	3421	9 M	ND/MTU						
		4C:	3353	4 M	ND/MTU						
		7A:	3220	8 M	WD/MTU						
		7B:	3903	5 M	WD/MTU						
		8A:	2835	9 M	WD/MTU						
		8B:	2905	0 M	JD/MTU						
		9:	1099	1 M	WD/MTU						
	Cycle 7 Bur	nup :	821	6 M	WD/MTU						
3.	Prior to the rea	ctor shutdown, the	unit	had	establ:	ist	ned a	nor	mal		
	letdown rate of	106 gpm.									
4.	No De-gassing op	perations were perf	ormed.								
5.	Duration of I-13	1 Spike:									
	June 13, 19	184 @ 0015 - Routin	e Samp	le	103 1	mic	crocur	ies	/cc		
	June 13, 19	984 @ 1800 - Post T	rip Sa	mp L	e - 1.9	9 1	nicroc	uri	es/	C	
		2000 - Post T	rip Sa	mpl	e - 1./	8 1	nicroc	uri	es/	0	
		2200 - Post T	rip Sa	mpl	e = 1.5	0 1	microc	uri	es/	0	
	June 14, 19	184 @ 0005 - Post 1	rip Sa	mpl	e - 1.2.	4 I 7 -	nicroc	uri	es/	0	
		0200 - Post I	rip sa	mpr	e99	/ 1	microc	uri	es/		
	Duration approxi	mately 8 hours.									

POW 28-06-01

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