LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	V A S P S 1 (2)	0 0 - 0 0 0 0 0 - 0 0 (3)	4 1 1 1 1 (4)	(5)				
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	CAT				

CON'T

0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 2 8 0 (7)	EVENT DATE: 0 1 0 2 7 9 (8)	REPORT DATE: 0 1 1 5 7 9 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 A potential non-conservatism has been identified in the calculations performed in
0 3 monitoring the heat flux hot channel factor, $F_Q(Z)$, as per T.S.3.12.B.2.b.2
0 4 The impact of this situation has been evaluated with the determination that this
0 5 event did not result in conditions in which the health and safety of the general
0 6 public was endangered. This is reportable per T.S.6.6.2.A.9.
0 7
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	Z Z (11)	D (12)	Z (13)	Z Z Z Z Z Z (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	0 0 1	/	0 1	X	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	G (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	L (25)	Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 This event results from the failure of the systems and procedures used for this
1 1 surveillance to account for the effects of detector background. Immediate corrective
1 2 actions were to adjust the input values used by the surveillance systems to conserva-
1 3 tively account for this problem.
1 4

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	E (28)	1 0 0 (29)	NA	A (31)	NA

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

	TYPE	DESCRIPTION (43)
1 9	Z (42)	NA

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA	

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NAME OF PREPARER W. L. Stewart PHONE: (804) 357-3184

GPO 917-926

Description of Event

A potential non-conservatism has been identified in the calculations performed in monitoring the heat flux channel factor, $F_Q^{(Z)}$, as per T.S.3.12.B.2.b.2.

This event is reportable under Technical Specification 6.6.2.a.9.

Probable Consequences of Occurrence

There were no adverse consequences associated with this occurrence. A review of the records has shown that for the current operating cycle detector background has been virtually non-existent. In view of these circumstances, it is concluded that the health and safety of the general public were not endangered.

Cause of Occurrence

This event results from the failure of the systems and procedures used for this surveillance to account for the effects of detector background (when present) on the process signal produced by the moveable incore detector system.

Immediate Corrective Action

Immediate corrective action was to adjust the input values used by the surveillance system to insure that the effects of this event are accounted for in a conservative manner.

Subsequent Corrective Action

The system and procedures used for this surveillance will be modified to account for detector background.

Actions Taken to Prevent Recurrence

No actions to prevent recurrence are planned since this event is nonrecurring in nature.

Generic Implications

This report is applicable to VASPS1, VASPS 2.