

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	F	L	C	R	P	3	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5
		LICENSEE CODE						LICENSE NUMBER										LICENSE TYPE						57 CAT 58			

  

0	L	6	0	5	0	-	0	3	0	2	7	1	0	1	0	8	1	8	1	1	0	6	8	1	9
		DOCKET NUMBER										EVENT DATE					REPORT DATE								

DESCRIPTION AND PROBABLE CONSEQUENCES 10

During performance of shutdown surveillance activities, various reactor protection instruments were found out-of-tolerance. These events were not attributed to a specific shutdown activity, as required by Reg. Guide 1.16 and, therefore, are reportable as being contrary to T.S. 3.3.1.1. There was no effect upon the health or safety of the general public. Nine instruments (RC-14A-DPT4 on 10/10/81; RC-14A-DPT1 on 10/11/81; RC-14B-DPT4 and RC-14B-DPT1 on 10/13/81; RC-14B-DPT2 on 10/17/81; RC-14B-DPT3 on 10/20/81; RC-3B-PT1 and RC-3B-PT2 on 10/26/81; RC-3A-PT1 on 10/27/81) were out-of-tolerance. This is the ninth event reported under this Specification.

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
I A <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">11</span>	X <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">12</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">13</span>	I N S T R U <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">14</span>	T <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">15</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">16</span>

  

LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
8 1 <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">17</span>	8 1	0 6 6	0 3	L	0

  

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">18</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">19</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">20</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">21</span>	0 0 0 0	Y <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">23</span>	N <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">24</span>	A <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">25</span>	B 0 4 5 <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">26</span>

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

RC-14A-DPT4 had a bellows failure. The bellows was replaced. RC-14A-DPT1, RC-14B-DPT4, RC-14B-DPT1, and RC-14B-DPT2, RC-3B-PT1 and RC-3B-PT2, also RC-3A-PT1 failed due to instrument drift. RC-14B-DPT3 had a loose test point output terminal. The terminal was tightened. All instruments were satisfactorily recalibrated. No further corrective action is deemed necessary.

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
H <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">28</span>	0 0 0 <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">29</span>	NA	B <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">31</span>	Technician observation

  

ACTIVITY CONTENT	RELEASED OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">33</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">34</span>	NA	NA

  

PERSONNEL EXPOSURES	TYPE	DESCRIPTION
0 0 0 <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">37</span>	Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">38</span>	NA

  

PERSONNEL INJURIES	TYPE	DESCRIPTION
0 0 0 <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">40</span>	NA	NA

  

LOSS OF OR DAMAGE TO FACILITY	TYPE	DESCRIPTION
Z <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">42</span>	NA	NA

  

PUBLICITY	ISSUED	DESCRIPTION
N <span style="border: 1px solid black; border-radius: 50%; padding: 0 5px;">44</span>	NA	NA

8111180239 811106  
PDR ADOCK 05000302  
S PDR

NRC USE ONLY

NAME OF PREPARER Victor A. Hernandez PHONE 904/795-6486  
(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

# SUPPLEMENTARY INFORMATION

Report No.: 50-302/81-066/03L-0  
Facility: Crystal River Unit 3  
Report Date: November 6, 1981  
Occurrence Date: October 10, 1981  
Identification of Occurrence:

Various reactor protection instruments were found out-of-tolerance during shutdown surveillance activities. These events were not attributed to specific shutdown activities as required by Regulatory Guide 1.16, and, therefore, are being reported as contrary to Technical Specification 3.3.1.1.

## Conditions Prior to Occurrence:

Mode 6 refueling (0%).

## Description of Occurrence:

On October 10, 1981, during performance of SP-112, Calibration of the Reactor Protection System, RC-14A-DPT4 was found out-of-tolerance. On October 11, 1981, during performance of SP-112, RC-14A-DPT1 was found out-of-tolerance. On October 13, 1981, during performance of SP-112, RC-14B-DPT4 and RC-14B-DPT1 were found out-of-tolerance. On October 17, 1981, during performance of SP-112, RC-14B-DPT2 was found out-of-tolerance. On October 20, 1981, during performance of SP-112, RC-14B-DPT3 was found out-of-tolerance. On October 26, 1981, during performance of SP-112, RC-3B-PT1 and RC-3B-PT2 were found out-of-tolerance. On October 27, 1981, during performance of SP-112, RC-3A-PT1 was found out-of-tolerance.

## Designation of Apparent Cause:

RC-14A-DPT4 had a bellows failure. The bellows was replaced. RC-14A-DPT1, RC-14B-DPT4, RC-14B-DPT1, and RC-14B-DPT2, RC-3B-PT1, and RC-3B-PT2, and RC-3A-PT1, all failed due to instrument drift. RC-14B-DPT3 had a loose test point output terminal. The terminal was tightened.

## Analysis of Occurrence:

There was no effect upon the health or safety of the general public.

## Corrective Action:

All instruments were satisfactorily recalibrated. No further corrective action is deemed necessary.

## Failure Data:

Nine instruments were found out-of-tolerance. This is the ninth event reported under this Specification.