

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
01		F L C R P 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4										5							
7		9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58										9							
CONT		REPORT SOURCE L 6 0 5 0 - 0 3 0 2 7 0 7 1 8 8 3 8 0 8 1 7 8 3 9										9							
7		80 DOCKEY NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80										9							
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10																			
02		On July 18, 1983, during routine sampling, technicians observed the Reactor										9							
03		Coolant System (RCS) dissolved oxygen concentration at approximately 4 ppm										9							
04		(transient limit \leq 1.0 ppm). Hydrazine was added to the system and the										9							
05		pressurizer was degassed. Dissolved oxygen concentration level in the RCS										9							
06		had decreased to .02 ppm by 1145 on July 18, 1983. This is the first time										9							
07		that the oxygen concentration exceeded the Technical Specification limit and										9							
08		the eighth event reported under T.S. 3.4.7.										9							
09		<div style="display: flex; justify-content: space-between;"> <div>SYSTEM CODE C G 11</div> <div>CAUSE CODE A 12</div> <div>CAUSE SUBCODE A 13</div> <div>COMP. SUBCODE Z Z Z Z Z 14</div> <div>VALVE SUBCODE Z 15</div> </div>										9							
17		<div style="display: flex; justify-content: space-between;"> <div>LER/RO REPORT NUMBER 8 3 21</div> <div>EVENT YEAR 8 3 22</div> <div>SEQUENTIAL REPORT NO. 0 2 7 23</div> <div>OCCURRENCE CODE 0 3 24</div> <div>REPORT TYPE L 25</div> <div>REVISION NO. 0 26</div> </div>										9							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
X 18		H 19		Z 20		Z 21		0 0 0 0 22		Y 23		N 24		Z 25		Z 9 9 9 26			
33		34		35		36		37		40		42		43		44			
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27																			
10		This event was caused by personnel error. Operating Procedure OP-202, Plant										9							
11		Heatup, requires the RCS temperature be maintained below 240°F until O ₂ con-										9							
12		centrations can be verified within limits. Operations Personnel continued										9							
13		plant heatup and increased the RCS temperature above 240°F prior to verify-										9							
14		ing the oxygen concentration. Operators will be reinstructed on the impor-										9							
15		tance of procedure adherence.										9							
16		<div style="display: flex; justify-content: space-between;"> <div>FACILITY STATUS C 28</div> <div>% POWER 0 0 0 29</div> <div>OTHER STATUS N/A 30</div> <div>METHOD OF DISCOVERY A 31</div> <div>DISCOVERY DESCRIPTION Routine Chemistry Sampling 32</div> </div>										9							
17		<div style="display: flex; justify-content: space-between;"> <div>ACTIVITY CONTENT RELEASED Z 33</div> <div>AMOUNT OF ACTIVITY N/A 35</div> <div>LOCATION OF RELEASE N/A 36</div> </div>										9							
18		<div style="display: flex; justify-content: space-between;"> <div>PERSONNEL EXPOSURES NUMBER 0 0 0 37</div> <div>TYPE Z 38</div> <div>DESCRIPTION N/A 39</div> </div>										9							
19		<div style="display: flex; justify-content: space-between;"> <div>PERSONNEL INJURIES NUMBER 0 0 0 40</div> <div>DESCRIPTION N/A 41</div> </div>										9							
20		<div style="display: flex; justify-content: space-between;"> <div>LOSS OF OR DAMAGE TO FACILITY TYPE Z 42</div> <div>DESCRIPTION N/A 43</div> </div>										9							
21		<div style="display: flex; justify-content: space-between;"> <div>PUBLICITY ISSUED N 44</div> <div>DESCRIPTION N/A 45</div> </div>										9							
22		<div style="display: flex; justify-content: space-between;"> <div>PUBLICITY N 46</div> <div>DESCRIPTION N/A 47</div> </div>										9							
NAME OF PREPARER J. L. Bufe/P. G. Hughes																			
PHONE: (904) 795-6486																			

8308260162 830817
PDR ADOCK 05000302
S PDR

SUPPLEMENTARY INFORMATION

REPORT NO.: 50-302/83-027/03L-0

FACILITY: Crystal River Unit 3

REPORT DATE: August 17, 1983

OCCURRENCE DATE: July 18, 1983

IDENTIFICATION OF OCCURRENCE:

The Reactor Coolant System dissolved oxygen concentration exceeded the Technical Specification 3.4.7 Transient Limit of less than or equal to 1.00 ppm when the Reactor Coolant System temperature is above 250°F.

CONDITIONS PRIOR TO OCCURRENCE:

MODE 4 (HOT SHUTDOWN), T_{ave} greater than 250°F.

DESCRIPTION OF OCCURRENCE:

On July 17, 1983, prior to increasing the Reactor Coolant temperature above 250°F, a coolant sample was drawn and analyzed for the dissolved oxygen concentration. This analysis indicated a concentration of approximately 8 ppm. Approximately two liters of hydrazine were added to the coolant to decrease the concentration to within the Technical Specification Limit. Responsible personnel assumed that the hydrazine had reduced the concentration sufficiently and so increased the Reactor Coolant temperature above 250°F.

At 0415 on July 18, 1983, the concentration of dissolved oxygen in the Reactor Coolant System was found to be 4 ppm. Additional hydrazine was added to the Reactor Coolant which reduced the dissolved oxygen concentration to 0.02 ppm by 1145 on July 18, 1983.

DESIGNATION OF APPARENT CAUSE:

This event was caused by failure to follow Operation Procedure, OP-202 "Plant Heat-up", which requires that the Reactor Coolant temperature be maintained below 240°F until the oxygen concentration can be verified within limits. Operations personnel continued plant heat-up and increased the Reactor Coolant temperature above 240°F prior to verifying the dissolved oxygen concentration.

ANALYSIS OF OCCURRENCE:

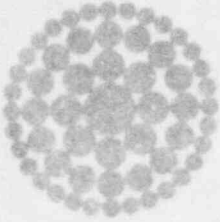
The dissolved oxygen concentration was brought down to a value below the Technical Specification Steady State Limit and no adverse impact is anticipated. There was no effect on public health or safety.

CORRECTIVE ACTION:

Hydrazine was added to the Reactor Coolant System to lower the dissolved oxygen concentration. Operations personnel will be reinstructed on the importance of procedure adherence.

FAILURE DATA:

This is the first time that the dissolved oxygen concentration has exceeded the Technical Specification limit.



USNRC REGION II
ATLANTA, GEORGIA

83 AUG 23 A 9: 35

**Florida
Power**
CORPORATION

August 17, 1983
3F-0883-12

Mr. James P. O'Reilly
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
Office of Inspection & Enforcement
101 Marietta Street N.W., Suite 2900
Atlanta, GA 30303

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Licensee Event Report No. 83-027

Dear Mr. O'Reilly:

Enclosed please find Licensee Event Report No. 83-027, and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.9.b.

Should there be any questions, please contact this office.

Sincerely,

G. R. Westafer
Manager
Nuclear Licensing and Fuel Management

AEF/mlg

Enclosure

cc: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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