NRC FOR (7-77)	
	LICENSEE EVENT REPORT
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CON'T	REPORT SOURCE L 6 0 5 0 0 0 3 2 1 0 0 6 1 5 8 2 8 0 7 0 1 8 2 9 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	event description and probable consequences (10) [On 6-15-82 with unit 1 in the run mode and operating at 576 MWT, reactor coolant con
03	ductivity exceeded 2 umho/cm, the limit of T. S. 3.6.I.2.b. A LCO was initiated, the
04	reactor power was reduced to less than 1% rated steam flow, the main generator was
0 5	taken off line and the reactor held in hot standby. The reactor power and coolant
06	conductivity were within the limits of T. S. 3.6.F.2.b within 22 hours. The public
0 7	health and safety were not affected by this non-repetitive event.
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09 78	SYSTEM CODE UBCODE CODE CODE CODE CODE CODE CODE COMPONENT CODE COMPONENT CODE COMPONENT CODE COMPONENT CODE SUBCODE
	17 LER/RO REPORT EVENT YEAR REPORT NO. CODE TYPE NO.   17 NUMBER 8 2 2 23 24 26 27 28 29 30 31 32
	ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT NPRD-4 SUPPLIER COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER SUPPLIER MANUFACTURER EF 1 8 6 26 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER EF 1 8 6 26 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER EF 1 8 6 26 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER EF 1 8 6 26 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT ATTACHMENT SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT ATTACHMENT SUPPLIER ATTACHMENT SUPPLIER ATTACHMENT ATTACHMENT SUPPLIER ATTACHMENT ATTACHMENT ATTACHMENT ATTACHMENT SUBMITTED FORM SUB. SUPPLIER ATTACHMENT ATTACHMEN
10	The cause of this event was condenser tube leaks causing increasing conductivity at a
11	time when radwaste could not process the water needed to backwash the condensate de-
12	mins. The tube leaks were plugged, the backwash inventory was processed, the conden-
13	sate demins were backwashed and reactor coolant conductivity was returned to within
$\begin{bmatrix} 1 & 4 \\ 7 & 8 \end{bmatrix}$	T. S. limits.
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	CTIVITY CONTENT LEASED OF RELEASE AMOUNT OF ACTIVITY 35 2 33 2 34 10 NA LOCATION OF RELEASE 36 NA 44 45 NA BO
17 78	PERSONNEL EXPOSURES UMBER 0 0 0 0 37 Z 38 NA 9 11 12 13 NA 80
18	
7 8	9 11 12 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION (43)
1 9 7 8	NA 80
20	SUED DESCRIPTION (45) PDR ADDCK 05000321 9 10 BR 68 69 80
	NAME OF PREPARER S. X. Baxley, Supt. of Operations PHONE 912-367-7851

LER #: 50-321/1982-057 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-321

## Narrative Report for LER-50-321/1982-057

On 6-15-82, with Unit 1 in the run mode and operating at 576 MWT, a reactor water chemistry analysis indicated conductivity to be 2.07 umho/cm. Tech. Specs. 3.6.F.2.b requires that the reactor coolant conductivity be maintained at less than 2 umho/cm during reactor operation in excess of 1% of rated steam flow. An LCO was initiated pursuant to Tech. Specs. 3.6.F.2.c, which permits continued operation above 2 umho/cm for a maximum of two weeks per year. The reactor power was then reduced to less than 1% rated steam flow where it was maintained in a startup/hot standby condition while corrective action was taken. The maximum coolant conductivity reading between 6-15-82 and 6-16-82 was approximately 3.25 umho/cm and the time above 2 umho/cm with steam flow in excess of 1% of rated steam flow was 22 hours bringing the total time in excess of Tech. Spec. limits to 54.75 hours during the last year. The plant was forced to reduce power and the turbine-generator was taken off line for a total of 25 hours due to this event. The public health and safety was not affected by this non-repetitive event.

The cause of this event was condenser tube leaks in the "D" waterbox which had caused increased conductivity beginning on 6-11-82 when the search for tube leaks was begun. The rising reactor coolant conductivity could not be controlled between 6-12-82 and 6-16-82 because the radwaste system was full and could not accept any more water, thus preventing the condensate demins from being backwashed. The tube leaks were located and plugged on 6-16-82, the conductivity was reduced to less than 2 umho/cm, the LCO was terminated and the unit was returned to power on 6-17-82.