



**LOUISIANA  
POWER & LIGHT**

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March 4, 1985

W3P85-0538  
3-A1.01.04  
A4.05

Director of Nuclear Reactor Regulation  
Attention: Mr. G.W. Knighton  
Licensing Branch No. 3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: Waterford SES Unit 3  
Docket 50-382  
Initial Leak Rate Testing Results

Dear Sir:

As part of our response to item III.D.1.1 of NUREG-0737, Louisiana Power & Light Company committed to perform leak rate testing on liquid systems likely to contain radiation and to submit the results of this testing to the NRC for review prior to initial criticality. In compliance with this commitment (Section 1.9.37 of the Waterford 3 FSAR), I am pleased to provide the initial leakage rates for the systems in question.

The following leakage rates were determined in accordance with Waterford 3 procedure PE-5-007 Rev. 1, "Surveillance Procedure - RAB Fluid System Leak Test", and found to be acceptable.

<u>Subsystem or Piping Section</u>	<u>Leak Rate</u>
Containment Spray Header "A"	Less than one (1) cc/min.
Containment Spray Header "B"	Less than one (1) cc/min.
LPSI Header "A"	2.5 cc/min.
LPSI Header "B"	1.0 cc/min.
HPSI Header "A"	0.5 cc/min.
HPSI Header "B"	2.0 cc/min.
HPSI Header "A/B"	Less than one (1) cc/min.
HRA System "A"	93 sccm.
HRA System "B" (in conjunction with PASS)	1050 sccm.
PASS (liquid portion)	No leakage
PASS (gaseous portion)	980 sccm.
PASS (SIS Sump Sample Pump Segment)	No leakage
CVC-209 Steam Leakoff	No leakage

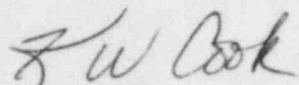
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Mr. G.W. Knighton  
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If you require further information in this matter please call me or contact Robert Savoie, Regulatory Compliance Unit Coordinator, at (504) 595-2837.

Sincerely,

A handwritten signature in cursive script, appearing to read "K.W. Cook".

K.W. Cook  
Nuclear Support & Licensing Manager

KWC/RAS/pcl

cc: E.L. Blake, W.M. Stevenson, R.D. Martin, D.M. Crutchfield, J. Wilson,  
G.L. Constable