

components are outside the 5 foot thick reinforced concrete dry well while the recirculation pumps are within the dry well. Furthermore, combustible gas system components are above elevation 207.25' while the recirculation pumps are at elevation 130.00'.

Applicant is not aware of any other pumps which could produce missiles that would threaten the combustible gas control system.

B. ACNGS Preliminary Safety Analysis Report, Drawings 1.2-8 and 1.2-9. This document is available at the public document room in Sealy, or at the Applicant's Energy Development Complex.

C. None.

D. Jon G. White, Supervising Engineer, Houston Lighting & Power Company.

E. None planned.

F. None.

INTERROGATORY NO. 2: If the new Regulatory Guide 1.7 requires a 2% limit on containment hydrogen in the event of LOCA, what is the minimum time required for hydrogen to reach 2% by volume in the containment building?

ANSWER:

A. The hydrogen concentration inside the containment does not reach 2% by volume in the event of a LOCA.

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B. ACNGS Preliminary Safety Analysis Report, Figure 6.2-29. This document is available in the public document room in Sealy, or at Applicant's Energy Development Complex.

C. None.

D. Jon G. White, Supervising Engineer, Houston Lighting & Power Company.

E. None planned.

F. None.

INTERROGATORY NO. 3: What is the minimum time in which containment hydrogen would reach 4% by volume; in the most severe LOCA?

ANSWER:

A. The hydrogen concentration inside the containment does not reach 4% by volume in the most severe LOCA.

B. ACNGS Preliminary Safety Analysis Report, Figure 6.2-29. This document is available in the public document room in Sealy, or at Applicant's Energy Development Complex.

C. None.

D. Jon G. White, Supervising Engineer, Houston Lighting & Power Company.

E. None planned.

F. None.

INTERROGATORY NO. 4: What has Applicant done to make the Residual Heat Removal System capable of performing its task of keeping the peak pressure Suppression pool temperature

at or below 185° F, as required on Page I-3 of the Supplement #1 of the Safety Evaluation of ACNGS #1 and #2.

ANSWER:

A. The matter discussed on page I-3 of ACNGS SER Supplement No. 1 relates to the question of whether or not the Residual Heat Removal System complies with the single-failure criteria. Applicant has proven that the system can operate assuming a single-failure, as indicated by page 5-8 of Supplement No. 2 to the ACNGS SER. No design changes were made to the RHR system.

B. ACNGS Safety Evaluation Report, Page 5-8. A copy is available at the public document room in Sealy, or at Applicant's Energy Development Complex.

C. None.

D. Jon G. White, Supervising Engineer, Houston Lighting & Power Company.

E. None planned.

F. None.

INTERROGATORY NO. 5: Is the Emergency Core Cooling System an "all or nothing" operating system?

ANSWER:

A. Applicant objects to this interrogatory on the grounds that it does not know what is meant by the term "all or nothing system".

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- B. None.
- C. Not applicable.
- D. None.
- E. None.
- F. None.

INTERROGATORY NO. 6: What is the content of Pages 6.3-17 to 6.3-27 of the Preliminary Safety Analysis Report (PSAR), marked "deleted", "see GESSAR" on March 12, 1979?

ANSWER:

A. Former pages 6.3-17 through 6.3-27 discussed ECCS calculations for Allens Creek based on the ECCS Interim Acceptance Criteria of June, 1971. This page was modified on July 14, 1978, not March 12, 1979.

B. Allens Creek PSAR, former pages 6.3-17 through 6.3-27. These pages are available for inspection and copying at the Applicant's Energy Development Complex.

C. None.

D. Jon G. White, Supervising Engineer, Houston Lighting & Power Company.

E. None planned.

F. None.

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Respectfully submitted,

J. Gregory Copeland

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ATTORNEYS FOR APPLICANT
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STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, THE UNDERSIGNED AUTHORITY, on this day personally appeared Jon G. White, who upon his oath stated that he has answered the foregoing Houston Lighting & Power Company's Response to John F. Doherty's Second Set of Interrogatories to Houston Lighting & Power Company in his capacity as Supervising Engineer for Houston Lighting & Power Company, and all statements contained therein are true and correct to the best of his knowledge and belief.

Jon G. White
Jon G. White

SUBSCRIBED AND SWORN TO BEFORE ME by the said Jon G. White, on this 12th day of June, 1979.

Jeanne Bleckman
Notary Public in and for
Harris County, Texas

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	\$	
	\$	
HOUSTON LIGHTING & POWER COMPANY	\$	Docket No. 50-466
	\$	
(Allens Creek Nuclear Generating	\$	
Station, Unit 1)	\$	

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing Applicant's Response to John F. Doherty's Second Set of Interrogatories in the above-captioned proceeding were served on the following by deposit in the United States mail, postage prepaid, or by hand-delivery this 12th day of June, 1979.

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Hon. Leroy H. Grebe
County Judge, Austin County
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Atomic Safety and Licensing
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U.S. Nuclear Regulatory
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Atomic Safety and Licensing
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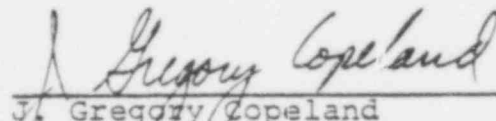
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