

February 10, 1994

Docket Nos. 50-498
and 50-499

Mr. William T. Cottle
Group Vice President, Nuclear
Houston Lighting & Power Company
South Texas Project Electric
Generating Station
P.O. Box 289
Wadsworth, Texas 77483

Dear Mr. Cottle:

SUBJECT: REGULATORY GUIDE 1.97 - INSTRUMENTATION TO FOLLOW THE COURSE OF AN
ACCIDENT (TAC NOS. M63480 and M77956)

Section 6.2 of Generic Letter 82-33 requested licensees to provide a report on their implementation of Regulatory Guide 1.97 (Revision 2), including methods for complying with the Commission's regulations and supporting technical justification for any proposed alternatives or deviations. A large number of requests were received from PWR licensees asking for deviation from the Category 2 criteria for containment sump water temperature monitoring instrumentation. Prior to 1987 these requests were denied by the staff. Since then, these requests have been considered as an open item until a generic resolution could be found.

The staff has reviewed the bases for these requests and has concluded that containment cooling status can be determined through alternative means to direct reading of containment sump water temperature. The alternative means include either Category 2 residual heat removal heat exchanger inlet or outlet temperature. A copy of the Safety Evaluation detailing the acceptability of these alternatives is enclosed.

If you have any questions regarding this issue, please do not hesitate to contact me at (301) 504-1309.

Sincerely,

Original Signed By

9402160295 940210
PDR ADOCK 05000498
P PDR

1500 7

Lawrence E. Kokajko, Senior Project Manager
Project Directorate IV-2
Division of Reactor Projects III/IV/V
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Enclosure:
Safety Evaluation

cc w/enclosures:
See next page

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NAME	EPeyton	SWittenberg	LKokajko:mk	JWermiel	SBlack
DATE	02/4/94	02/4/94	02/7/94	02/8/94	02/10/94

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Mr. William T. Cottle

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cc w/enclosure:

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