

August 18, 1992

Docket Nos. 50-498
and 50-499

Mr. Donald P. Hall
Group Vice President, Nuclear
Houston Lighting & Power Company
P. O. Box 1700
Houston, Texas 77251

Dear Mr. Hall:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING REVIEW OF THE PROPOSED
CHANGES TO THE SOUTH TEXAS PROJECT TECHNICAL SPECIFICATIONS (TAC
NOS. M76048 AND M76049)

Enclosed are questions regarding your proposed Technical Specification changes
in allowed outage times and surveillance intervals based on probabilistic risk
analyses. This request was submitted by letter dated February 1, 1990, and
supplemented by letters dated November 27, 1990, and June 5, 1991.

These questions were presented to members of your staff during a meeting
conducted on July 23, 1992, and during subsequent telephone conversations.

The reporting requirements contained in this letter affect fewer than ten
respondents; therefore, OMB clearance is not required under Public Law 96-511.

Sincerely,

Original Signed By

George F. Dick, Senior Project Manager
Project Directorate IV-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

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Donald P. Hall

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cc w/enclosure:

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Houston, Texas 77208

REQUEST FOR ADDITIONAL INFORMATION REGARDING
PROPOSED AMENDMENT TO THE TECHNICAL SPECIFICATIONS
BASED ON PROBABILISTIC RISK ANALYSIS
HOUSTON LIGHTING & POWER COMPANY
SOUTH TEXAS PROJECT, UNITS 1 AND 2
DOCKET NOS. 50-498 AND 50-499

1. Provide a copy of the revised system models and the plant models (accident sequence models) which were developed using the RISKMAN code, Version 3.06 as part of the development of the bases for the proposed changes to the current Technical Specifications (TS). A schedule and mechanism for the transfer of the model can be arranged during future discussions. Your initial response should address if you are agreeable to supplying your model and what restrictions you desire to impose if the model is provided. Also provide a list of the assumptions used in quantifying the risk impact of the proposed changes to the allowed outage time (AOT) and surveillance testing intervals (STI).
2. Provide a list of all major areas of the conservatisms that are in the current version of the South Texas PSA.
3. Provide a list of support systems and front line systems (by train) along with the time intervals allocated for the planned maintenance and testing events according to the 12 Week Maintenance Calendar established for the South Texas facility. If available, provide data on actual test and maintenance durations due to planned maintenance events, for which the safety system trains were unavailable.
4. Provide a detailed discussion of the bases and supporting reasoning for changes to the STP TS for the non-core cooling systems (systems that were not needed to prevent a core damage event).
5. Provide STP-specific data on the repair times (including major findings on causes of component failure) used for the safety trains for which AOT changes are requested. This data should cover a minimum of a 144 week period and should include the repair time (portion of the AOT) for which the train was unavailable (i.e., for which the LCO condition was entered).
6. Were safety system train configurations changed as part of the development of the proposed changes to the current TS? If so, provide a list of those reconfigurations along with the supporting reasoning.

7. Provide a summary of the results of studies performed to analyze the risks associated with power reductions or other routine plant transients.