Atomic Safety & Licensing Board

In the Matter of
HOUSTON LIGHTING & POWER COMPANY
(Allens Creek Unit 1)

Docket 50-466

INTERROGATORIES AND REQUESTS FOR PRODUCTION OF DOCUMENTS,
DATED BY TEX PIRG ON JUNE 6, 1980

Pursuant to the Rules of Practice and Procedure of the U.S. Nuclear Regulatory Commission, Intervenor TexPIRG submits the following interrogatories and requests for production of documents.

1. With reference to computation of stress capabilities of reactor coolant boundary, respond to the following:

a. Where and by whom were the actual computer runs performed?

b. List each and every nuclear power facility for which computerized calculations were performed at the same time (i.e., during the same "run") as the calculations for the Allens Creek application?

c. Who developed the computer program software for the calculations relevant to the Allens Creek application?

d. Which other applicants for a nuclear power facility permit or license utilized the computer program stated in (c) above?

e. Has the calculation of stress relevant to the Allens Creek application been reviewed or re-examined within the last 18 months? If so, who conducted the review and what was the conclusion? Produce all documents resulting from such examinations.

f. Was HL&P or its agents ever re-calculated or re-run the computer operations? If so, state why the operation was performed again, and state any outcome which was different than that reached in the first operation.

g. List each and every document within HL&P's possession pertaining to this matter. Produce those documents.

2. How long is required for a SCRAM of the reactor?

3. What is the nil ductility transition temperature for Allens Creek's reactor vessel?

4. Will the operating temperature planned for Allens Creek be the same for the reactor throughout its lifetime? If not, state what the operating temperature during the start-up year is, and the temperature at end of lifetime.

5. Will irradiation of the reactor vessel shift the nil ductility transition temperature above its initial value? If so, what is the nature of the changes in ferritic metal that causes the shift?

6. If (5) above is "yes," state the magnitude of the temperature shift in units of time and temperature.

7. Do workpapers or documents relevant to #6 above exist in HL&P's possession? If so, produce those documents, including any calculations used in responding to # 6.

8. State the pressure level set point for the actuation of each relief valve.

9. How much set point drift is anticipated for each relief valve?

Sincerely,

Clarence Johnson, for

TexPIRG