

# The Light company

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May 8, 1986  
ST-HL-AE-1659  
File No.: G3.8

Mr. Vincent S. Noonan, Project Director  
PWR Project Directorate #5  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Policy Statement on Engineering  
Expertise on Shift (Generic Letter 86-04)

Dear Mr. Noonan:

By Generic Letter 86-04 the NRC requested certain information regarding licensees' programs for meeting the Commission's requirements for providing engineering expertise on shift (NUREG-0737, Item I.A.1.1) and for licensed operator staffing (10CFR50.54(m)(2)). In response to this request Houston Lighting & Power Company submits the following information for the South Texas Project (numbered to correspond to the request in the Generic Letter):

1. HL&P's current program for providing engineering expertise on shift is to use separate Shift Technical Advisors (STAs) who have been certified in accordance with an NRC approved program. The STA position will be filled with engineers assigned to the Nuclear Plant Operations Department. There are currently eleven (11) engineers enrolled in the STA Training Program. Although not required for STA certification, these 11 engineers are also SRO Cold License Candidates.
2. A candidate for STA Certification must have a bachelor's degree or the equivalent in a scientific or engineering discipline. A waiver for the required education may be granted by the Vice President, Nuclear Operations when a candidate has documented accredited college courses or can demonstrate an acceptable level of knowledge. An acceptable level of knowledge can be demonstrated by one or more of the following methods:
  - a. A Bachelor of Science degree in a non-engineering or non-scientific discipline and a record of at least eight years of experience in work of a character indicating that the candidate is competent to perform STA functions.

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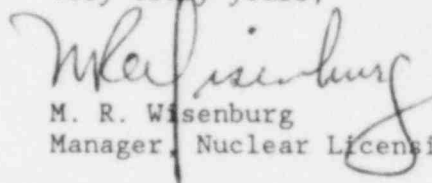
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- b. Successful completion of the State of Texas Engineer-In-Training (EIT Examination).
  - c. Professional Engineer's License.
  - d. Bachelor's degree in engineering technology from an accredited institution, including course work in the physical, mathematical, or engineering sciences.
3. HL&P will submit, in a forthcoming FSAR amendment, changes to FSAR Appendix 7A, Section I.A.1.1 which would authorize the use of either Option 1 (SRO/STA dual role position) or Option 2 (STA position) to meet the engineering expertise on shift requirements. This would allow the use of Option 1 on one or more shifts given that personnel qualify to fill the dual role position in the future.

If you should have any questions on this matter, please contact Mr. P. L. Walker at (512) 972-8420.

Very truly yours,



M. R. Wisenburg  
Manager, Nuclear Licensing

MRW/FAW/ljm

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Houston Lighting & Power Company

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