

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)	}	

NRC STAFF SUPPLEMENTAL TESTIMONY OF CALVIN W. MOON
IN RESPONSE TO BOARD QUESTION 2 ON USE OF WASH-1400

Q. Will the witness please state his name, place of employment, and duties he performs.

A. My name is Calvin W. Moon. I am a senior licensing project manager, Licensing Branch No. 1, Division of Licensing, Office of Nuclear Reactor Regulation, Nuclear Regulatory Commission. Since July, 1975 I have been assigned to the Allens Creek construction permit stage of the health and safety review. Since April, 1980 my Allens Creek assignment has been broadened to include project management of environmental aspects of the review.

Q. Is a statement of educational and professional qualifications attached to this testimony?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of this testimony is to respond to the following Board questions as it relates to Allens Creek:

Did the Staff use WASH-1400 in arriving at its conclusions regarding environmental risks, as stated in S.7 of the Supplement to the Final Environmental Statement? If so, do these conclusions need to be modified as to the result of recent criticisms (Lewis Report) of WASH-1400 and the NRC's recent policy statement regarding same?

Q. At the top of page S.7.2 the FSFES states that the Staff had reevaluated postulated accidents and their probability of occurrence in view of the proposed design changes and had considered advances in analytical methods employed for such calculations. Were these advances in analytical methods related to WASH-1400?

A. No. The advances were in the nature of minor changes to the computational model used for the FES.

CALVIN W. MOON

PROFESSIONAL QUALIFICATIONS

LICENSING BRANCH NO. 1

DIVISION OF LICENSING

I am a Senior Project Manager in Licensing Branch No. 1, Division of Licensing, U. S. Nuclear Regulatory Commission. In my present position, I have overall responsibility for conducting the safety and environmental reviews of power reactor license applications assigned to me. This includes the responsibility for planning and coordinating the efforts of other technical personnel involved in the review.

I hold a Bachelor of Science degree in Mechanical Engineering from Iowa State University and a Master of Science degree from Stanford University. I am a registered professional engineer in the State of Iowa.

I have a total of 29 years of professional experience. For three years I was employed by the University of California at the Los Alamos Scientific Laboratory with responsibilities for the design and development of mechanical systems. For fourteen years I was employed by private industry in various staff and supervisory engineering positions working on the design and development of gas cooled reactors for application to military propulsion, marine propulsion, space propulsion and space auxiliary power systems.

In 1968, I accepted a position as Reactor Engineer with the Regulatory Staff of the Atomic Energy Commission. In this capacity, I participated in the development of reactor safety criteria. In my present position I have participated in the safety reviews of several power reactors by the Atomic Energy Commission and the Nuclear Regulatory Commission.