



Westinghouse
Electric Corporation

Energy Systems

Box 355
Pittsburgh Pennsylvania 15230-0355

August 26, 1994

NTD-NRC-94-4277
NTD-NSRLA-OPL-94-226

Mr. William Reckley
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Request for Opinion

Dear Mr. Reckley:

Westinghouse Electric Corporation has submitted a new plant proposal to the Taiwan Power Company for construction of a new plant in Lungmen, Taiwan. The Taiwan Power Company has requested bidders to demonstrate that their proposed plant design has a Final Design Approval. While the Lungmen plant proposed by Westinghouse is similar to plants which have received regulatory approval, the specific proposed Lungmen plant design does not have documented regulatory approval.

Alternatively, the Taiwan Power Company has suggested that an opinion letter from the USNRC concerning the licensability of another plant design similar to the proposed Lungmen plant would be helpful in demonstrating compliance with its final design approval requirement.

The U.S. Nuclear Regulatory Commission is respectfully requested to provide an opinion concerning the licensability of an increase in core power of an existing domestic plant. Westinghouse would use this opinion to show the Taiwan Power Company that the proposed plant at Lungmen, which is similar in design to domestic plant with a slight increase in core power, would be licensable.

The proposed Lungmen plant is based on the Sizewell B plant in England, which is similar in design to the SNUPPS plants (Wolf Creek and Callaway). The Wolf Creek and Callaway units have each been licensed to a core power level of 3565 MWt, representing an increase of approximately 4.5% above their original licensed core power. The proposed Lungmen plant has a core power level of 3581 MWt, or about 0.5% higher than the current rating of the SNUPPS units.

Westinghouse performed the principal analyses supporting the uprated power levels at both Wolf Creek and Callaway. It is our opinion that an increase of 0.5% in core power to a rated value of 3581 MWt is acceptable with respect to plant control and protection, the designated safety limits, and the design of systems and components. The Wolf Creek and Callaway up-ratings were limited to 3565 MWt to avoid re-performing the Safety Analyses that were already performed, not due to encountering any specific limitation.

JMB/USNRC/8/24/94

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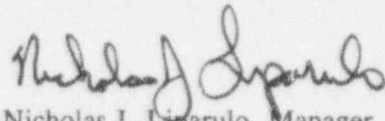
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It is requested that the USNRC provide an opinion letter to Westinghouse indicating the licensability of increasing the reactor core power of the SNUPPS units (Wolf Creek and Callaway) from 3565 MWt to 3581 MWt. The objective of your opinion letter is to demonstrate to Taiwan Power Company that there are no technical or licensing barriers for this small increase in core power.

Thank you for your attention to this matter. If you have any questions, please call me.



Nicholas J. Liparulo, Manager
Nuclear Safety Regulatory and Licensing Activities