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PLANT NAME: H.B. Robinson # 2

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December 18, 1975

Regulatory File Cy.

50-261

Mr. Donald Bridges
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Don:

Subject: Plant Transient Analysis for H. B. Robinson Unit 2

As a result of the measured shutdown rod worth at beginning of life (BOL) for Cycle 4 for H. B. Robinson Unit 2 being less than the calculated worth, we have reassessed the impact this might have on the plant transient analysis (XN-75-14). Table 2.2 of that report lists $10.01 as the applicable rod worth at BOL. The measured rod worth at the start of the cycle was $8.51. However, we have verified that the actual rod worth assumed for scrams is $4.66 for all transients analyzed. Use of the $4.66 value assures that the rod worth during a plant transient is treated conservatively, and thus we conclude that the plant transient analysis as applied to the Cycle 4 H. B. Robinson Unit 2 operation is adequately conservative.

Sincerely yours,

G. F. Owsley

G. F. Owsley, Manager
Reload Licensing

GFO:jas

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