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November 17, 1995

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTENTION: T. R. QUAY

SUBJECT: **AP600 PROBABILISTIC RISK ASSESSMENT, REVISION 6
(PRA RESULTS AND INSIGHTS CHAPTER)**

Dear Mr. Quay:

Enclosed is a copy of Revision 6 of the AP600 Probabilistic Risk Assessment (PRA) Report. The enclosure contains a revised Chapter 59, PRA Results and Insights. This chapter has been revised to incorporate new sections including: use of PRA in the design process and design features important to reducing risk. Also included in the enclosure are updated pages of the table of contents, list of tables, and list of figures.

The Revision 6 PRA results and insights chapter should be reviewed as discussed in our November 13, 1995 letter concerning AP600 design certification review priorities.

The enclosure is in the form of replacement pages to be added to the existing PRA report. Included with each set are change page instructions. Thirty-seven sets of Revision 6 to the PRA have been sent to Ms. Diane Jackson for distribution within NRC, to NRC subcontractors, and to the ACRS.

Please contact Cynthia Haag on (412) 374-4277 if you have any questions concerning this transmittal.

Brian A. McIntyre, Manager
Advanced Plant Safety and Licensing

/nja

Enclosures

cc: D. Jackson, NRC (37 copies of enclosure)
E. Butcher, NRC (w/o enclosure)

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