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January 19, 2000

1CAN010005

Samuel J. Collins
Director of the Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
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One White Flint North
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Rockville, MD 20852

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Risk Informed Inservice Inspection Savings

Mr. Collins:

In NRC correspondence dated August 25, 1999 (1CNA089904), the use of a risk informed alternative to certain Class 1 ASME Code Section XI requirements for the inservice inspection (ISI) of piping welds at Arkansas Nuclear One, Unit 1 (ANO-1) was approved. Substantial savings in labor hours, radiation dose, and budget, were realized when this risk informed alternative was implemented during the recent ANO-1 refueling outage (1R15).

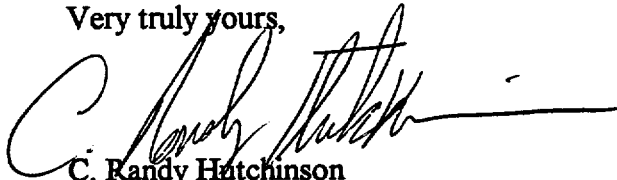
The risk informed alternative allowed us to concentrate our resources on those areas where experience and risk insight indicate a need. By reducing the number of inspections, radiation dose was minimized. During 1R15, dose reductions attributable to implementation of the risk informed ISI program were estimated to be 6 person rem. Additionally, during 1R15, a savings of approximately \$76,500 was recognized.

Over the next 10 years, it is projected that ANO-1 will realize an additional radiation dose savings of approximately 18 person rem and a cost savings of approximately \$345,000.

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Should you have any questions, please contact me.

Very truly yours,



C. Randy Hutchinson
Vice-President, ANO

CRH/SLP

cc: Mr. Ellis W. Merschoff
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