



Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72801  
Tel 501-858-4888

C. Randy Hutchinson  
Vice President  
Operations ANO

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1CAN010005

Samuel J. Collins  
Director of the Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 5-E7  
One White Flint North  
11555 Rockville Pike  
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).

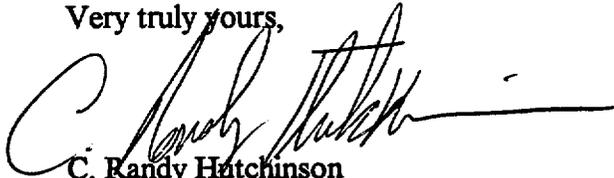
The risk informed alternative allowed us to concentrate our resources on those areas where experience and risk insight indicate a need. By reducing the number of inspections, radiation dose was minimized. During 1R15, dose reductions attributable to implementation of the risk informed ISI program were 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  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
Arkansas Nuclear One  
P.O. Box 310  
London, AR 72847

Mr. M. Christopher Nolan  
NRR Project Manager Region IV/ANO-1  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 04-D-03  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

U. S. Nuclear Regulatory Commission  
Document Control Desk  
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