



Entergy

Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72802  
Tel 501 858 5000

OCAN020605

February 27, 2006

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-001

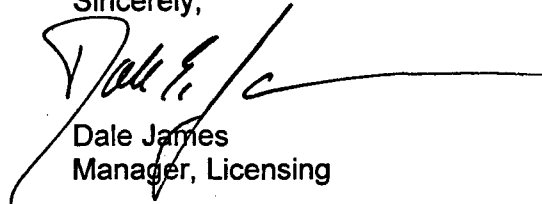
Subject: Annual Radioactive Effluent Release Report for 2005  
Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6

Dear Sir or Madam:

Arkansas Nuclear One, Units 1 & 2 (ANO-1 and ANO-2) Technical Specifications (TSs) 5.6.3 and 6.6.3, respectively, require the submittal of an Annual Radioactive Effluent Release Report. 10CFR72.44(d)(3) also requires the annual submittal of a summary of effluents from the independent spent fuel storage facility. The purpose of this letter is to fulfill these reporting requirements for the 2005 calendar year at ANO. Liquid and gaseous release data show that the dose from both ANO-1 and ANO-2 was considerably below the Offsite Dose Calculation Manual (ODCM) limits, while no effluents were attributed to the spent fuel stored in the independent spent fuel storage installation. This data reveals that the radioactive effluents had an overall minimal dose contribution to the surrounding environment. Pursuant to ANO-1 TS 5.5.1 and ANO-2 TS 6.5.1, the ODCM is also submitted as an attachment to the Annual Radioactive Effluent Release Report. Should you have any questions regarding this report, please contact Dee Hawkins at (479) 858-5589.

There are no new commitments contained in this submittal.

Sincerely,



Dale James  
Manager, Licensing

DEJ/dh  
Attachments

TEL 48  
A009

cc: Dr. Bruce S. Mallett  
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

U. S. Nuclear Regulatory Commission  
Attn: Mr. Drew Holland  
Mail Stop 0-7 D1  
Washington, DC 20555-0001

**Attachment 1  
to 0CAN020605**

**Annual Radioactive Effluent Release Report for 2005**