



Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel 479-858-4704

Stephenie L. Pyle
Manager, Regulatory Assurance
Arkansas Nuclear One

OCAN041408

April 30, 2014

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Revision 17 of the ANO Security Plan and Response to
Requests for Additional Information (RAIs)
Arkansas Nuclear One – Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

REFERENCE: NRC Letter to Entergy, *RAI Regarding Revision 15 of the Physical
Security Plan, Training and Qualification Plan, and Safeguards
Contingency Plan*, dated April 1, 2014 (OCNA041401) (ML14086A520)

Dear Sir or Madam:

In accordance with 10 CFR 50.4, enclosed is Revision 17 to the Arkansas Nuclear One (ANO) Security Plan and responses to RAIs provided by the above reference. These changes have been evaluated in accordance with 10 CFR 50.54(p). It was determined that these changes do not decrease the safeguards effectiveness of the ANO Security Plan; therefore, prior NRC approval is not required. The enclosed material describes current security measures and is considered to be safeguards information as defined by 10 CFR 73.21. The enclosed material should be handled accordingly. The responses to the RAIs, Revision 17 description of changes, and Revision 16 10 CFR 50.54(p) evaluation (for additional clarification) are provided in Attachments 1, 2, and 3, respectively, to this letter.

There are no new commitments contained in this submittal. Should you have any questions concerning this submittal, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'SLP/nbm'.

SLP/nbm

Attachments: 1. Response to RAIs
2. Revision 17 Description of Changes
3. Revision 16 50.54(p) Evaluation
Enclosure: ANO Security Plan, Revision 17

Safeguards Information determination made by:

Name/Title: Natalie Mosher, Licensing Specialist
Organization: ANO Regulatory Assurance
Basis: Security Plan Details

Signature: Natalie Mosher
Date: April 30, 2014

**WARNING: Violation of Section 147 of the
Atomic Energy Act "Safeguards Information"
is Subject to Civil and Criminal Penalties**

SOOI
NRR

~~SAFEGUARDS INFORMATION - Upon separation this page is decontrolled~~

cc: Mr. Marc L. Dapas
Regional Administrator
U. S. Nuclear Regulatory Commission, Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

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

U. S. Nuclear Regulatory Commission
Attn: Mr. Peter Bamford
MS O-8B3
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

~~SAFEGUARDS INFORMATION - Upon separation this page is decontrolled~~