



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

September 19, 2019

ANO Site Vice President  
Arkansas Nuclear One  
Entergy Operations, Inc.  
N-TSB-58  
1448 S.R. 333  
Russellville, AR 72802

**SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 1 – CORRECTION TO ISSUANCE OF AMENDMENT NO. 264 TO ADOPT TECHNICAL SPECIFICATIONS TASK FORCE (TSTF) TRAVELER TSTF-425, REVISION 3, “RELOCATE SURVEILLANCE FREQUENCIES TO LICENSEE CONTROL – RITSTF INITIATIVE 5b” (EPID L-2018-LLA-0063)**

Dear Sir or Madam:

By letter dated May 22, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19098A955), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 264 to Renewed Facility Operating License No. DPR-51 for Arkansas Nuclear One, Unit 1 (ANO-1). The amendment adopted changes to the ANO-1 technical specifications (TSs) consistent with Technical Specifications Task Force (TSTF) Improved Standard Technical Specifications Change Traveler TSTF-425, Revision 3, “Relocate Surveillance Frequencies to Licensee Control – RITSTF [Risk-Informed TSTF] Initiative 5b,” dated March 18, 2009 (ADAMS Accession No. ML090850642).

After the issuance of the amendment, the NRC staff was notified by Entergy Operations, Inc. (the licensee) of typographical errors unrelated to the license amendment that had been inadvertently included in revised TS page 3.4.14-2. Specifically, the two surveillance conditions in Surveillance Requirement 3.4.14.3 were incorrectly identified as items “c.” and “d.” They should have remained unchanged on TS page 3.4.14-2 as items “a.” and “b.,” as shown below:

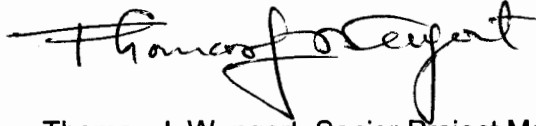
- a.  $\leq$  340 psig for one valve; and
- b.  $\leq$  400 psig for the other valve

Upon further review, the NRC staff determined that the errors had been previously introduced during the preparation of Amendment No. 257, which was issued on March 10, 2017 (ADAMS Accession No. ML16165A423), and inadvertently carried forward without correction in Amendment No. 264. The NRC staff determined that these errors were introduced during the preparation of the license amendments and are entirely typographical in nature. The corrections do not change any of the conclusions in the safety evaluations associated with the amendments and do not affect the associated notices to the public.

The enclosure to this letter contains the corrected TS page 3.4.14-2. Please replace the corresponding page issued by Amendment No. 264 for Arkansas Nuclear One, Unit 1.

We regret any inconvenience this may have caused. If you have any questions, please contact me at (301) 415-4037 or by e-mail at [Thomas.Wengert@nrc.gov](mailto:Thomas.Wengert@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas J. Wengert". The signature is written in a cursive style with a large, stylized initial "T".

Thomas J. Wengert, Senior Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-313

Enclosure:

Corrected TS Page to Renewed Facility Operating License  
DPR-51 for Amendment No. 264

cc: Listserv

**ENCLOSURE**

CORRECTED TECHNICAL SPECIFICATION PAGE 3.4.14-2

FOR AMENDMENT NO. 264

ENTERGY OPERATIONS, INC.

ARKANSAS NUCLEAR ONE, UNIT 1

DOCKET NO. 50-313

**SURVEILLANCE REQUIREMENTS**

SURVEILLANCE	FREQUENCY										
<p>SR 3.4.14.1</p> <p style="text-align: center;">-----NOTE-----</p> <p>Not required to be performed in MODES 3 and 4.</p> <hr/> <p>Verify leakage from each RCS pressure isolation check valve, or pair of check valves, as applicable, is less than or equal to an equivalent of the Allowable Leakage Limit identified below at a differential test pressure <math>\geq 150</math> psid.</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: left;"><u>Pressure Isolation Check Valve(s)</u></td> <td style="text-align: left;"><u>Allowable Leakage Limit</u></td> </tr> <tr> <td>DH-14A</td> <td><math>\leq 5</math> gpm</td> </tr> <tr> <td>DH-13A and DH-17</td> <td><math>\leq 5</math> gpm total</td> </tr> <tr> <td>DH-14B</td> <td><math>\leq 5</math> gpm</td> </tr> <tr> <td>DH-13B and DH-18</td> <td><math>\leq 5</math> gpm total</td> </tr> </table>	<u>Pressure Isolation Check Valve(s)</u>	<u>Allowable Leakage Limit</u>	DH-14A	$\leq 5$ gpm	DH-13A and DH-17	$\leq 5$ gpm total	DH-14B	$\leq 5$ gpm	DH-13B and DH-18	$\leq 5$ gpm total	<p>In accordance with the INSERVICE TESTING PROGRAM</p> <p><u>AND</u></p> <p>Once prior to entering MODE 2 whenever the unit has been in MODE 5 for 7 days or more, if leakage testing has not been performed in the previous 9 months</p>
<u>Pressure Isolation Check Valve(s)</u>	<u>Allowable Leakage Limit</u>										
DH-14A	$\leq 5$ gpm										
DH-13A and DH-17	$\leq 5$ gpm total										
DH-14B	$\leq 5$ gpm										
DH-13B and DH-18	$\leq 5$ gpm total										
<p>SR 3.4.14.2</p> <p>Verify DHR System autoclosure interlock prevents the valves from being opened with a simulated or actual high RCS pressure signal.</p>	<p>In accordance with the Surveillance Frequency Control Program</p>										
<p>SR 3.4.14.3</p> <p>Verify DHR System autoclosure interlock causes the valves to close automatically with a simulated or actual high RCS pressure signal:</p> <p>a. <math>\leq 340</math> psig for one valve; and</p> <p>b. <math>\leq 400</math> psig for the other valve.</p>	<p>In accordance with the Surveillance Frequency Control Program</p>										
<p>SR 3.4.14.4</p> <p>Verify DHR System autoclosure interlock prevents the valves from being opened with a simulated or actual Core Flood Tank isolation valve "not closed" signal.</p>	<p>In accordance with the Surveillance Frequency Control Program</p>										
<p>SR 3.4.14.5</p> <p>Verify DHR System autoclosure interlock causes the valves to close automatically with a simulated or actual Core Flood Tank isolation valve "not closed" signal.</p>	<p>In accordance with the Surveillance Frequency Control Program</p>										

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 1 – CORRECTION TO ISSUANCE OF AMENDMENT NO. 264 TO ADOPT TECHNICAL SPECIFICATIONS TASK FORCE (TSTF) TRAVELER TSTF-425, REVISION 3, “ RELOCATE SURVEILLANCE FREQUENCIES TO LICENSEE CONTROL – RITSTF INITIATIVE 5b” (EPID L-2018-LLA-0063) DATED SEPTEMBER 19, 2019

**DISTRIBUTION:**

PUBLIC

PM File Copy

RidsACRS\_MailCTR Resource

RidsNrrDorlLpl4 Resource

RidsNrrDssStsb Resource

RidsNrrLAPBlechman Resource

RidsNrrPMANO Resource

RidsRgn4MailCenter Resource

**ADAMS Accession No.: ML19232A379**

OFFICE	NRR/DORL/LPL4/PM	NRR/DORL/LPL4/LA	NRR/DORL/LPL4/BC	NRR/DORL/LPL4/PM
NAME	TWengert	PBlechman	RPascarelli	TWengert
DATE	9/17/19	9/17/19	9/18/19	9/19/19

**OFFICIAL RECORD COPY**