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DOCUMENT TITLE:
UNIT II TECHNICAL REQUIREMENT MANUAL

REV/AMEND/CHG NO:
APPROVED REV 03

SUBJECT:
U-2 TRM

Replace pages according to instructions.

If this box is checked, please sign, date, and return transmittal in envelope provided.

ANO-1 Docket 50-313

ANO-2 Docket 50-368

Signature

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ADD1

TECHNICAL REQUIREMENTS MANUAL REVISION: THREE

ARKANSAS NUCLEAR ONE, UNIT NO. TWO

Revise the following pages of the associated Technical Requirements Manual with the attached pages.

REMOVE PAGES

INSERT PAGES

Index Pages

Technical Specifications Pages

3.3-10

-----3.3-10

INSTRUMENTATION

CHLORINE DETECTION SYSTEMS

LIMITING CONDITION FOR OPERATION

3.3.3.7 Two independent chlorine detection systems, with their alarm/trip setpoints adjusted to actuate at a chlorine concentration of ≤ 5 ppm, shall be OPERABLE.

APPLICABILITY MODES 1, 2, 3 and 4.

ACTION:

- a. With one chlorine detection system inoperable, restore the inoperable detection system to OPERABLE status within 7 days or within the next 6 hours initiate and maintain operation of the control room emergency ventilation system in the recirculation mode of operation.
- b. With no chlorine detection system OPERABLE, within 1 hour initiate and maintain operation of the control room emergency ventilation system in the recirculation mode of operation.

SURVEILLANCE REQUIREMENTS

- 4.3.3.7.1 Each chlorine detection system shall be demonstrated OPERABLE by performance of a CHANNEL CHECK at least once per 12 hours, a CHANNEL FUNCTIONAL TEST at least once per 31 days and a CHANNEL CALIBRATION at least once per 18 months.
- 4.3.3.7.2 Each detection system shall be demonstrated OPERABLE at least once per 18 months by verifying that on a control room high chlorine test signal, the system automatically isolates the control room within 10 seconds.