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AUDIT OF NUCLEAR PLANT TECHNICAL SPECIFICATIONS

LA SALLE COUNTY STATION, UNIT 2

DOCKET NO. 50-374

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## ABSTRACT

This report documents the review of the LaSalle County Station, Unit 2, (LaSalle-2) Technical Specifications (T/S) to determine if selected sections of the T/S are consistent with the LaSalle Final Safety Analysis Report (FSAR) as amended, and the LaSalle Safety Evaluation Report (SER) as supplemented. Inconsistencies are listed in this report but no further evaluation was conducted to determine if the inconsistency was an indication of an error in any of the subject documents.

## FOREWARD

This report is supplied as part of the "Audit of Nuclear Plant Technical Specifications" being conducted for the U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, Division of Licensing, by EG&G Idaho, Inc., NRC Licensing Support Section.

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## AUDIT OF NUCLEAR PLANT TECHNICAL SPECIFICATIONS

### 1. INTRODUCTION

The LaSalle County Station, Unit 2 (LaSalle-2) is a boiling water reactor (BWR) plant. It has been selected for an audit to determine if the LaSalle Technical Specifications (T/S)<sup>1</sup>, are consistent with the LaSalle Final Safety Analysis Report (FSAR)<sup>2</sup> as amended, and the LaSalle Safety Evaluation Report (SER)<sup>3</sup> as supplemented. The specific sections of the T/S selected for audit and summary results are listed in Table I. Inconsistencies between these sections of the T/S and the FSAR and SER were identified but no further evaluation was conducted to determine if the inconsistencies were indications of error in any of the subject documents.

### 2. REVIEW CRITERIA

The T/S Limiting Conditions for Operation (LCOs) and Action Statements for each technical specification listed in Table I (Section 3) were compared with the FSAR and SER to determine if the T/S are consistent to the FSAR and SER. Emphasis was on the T/S Operational Mode 1, power operation, with exceptions noted in this report. Setpoints and lists of valves, instruments, overcurrent protective devices and electrical buses in the T/S were checked against tables in the FSAR and SER.

The SER was reviewed to ensure that requirements in the SER were addressed in the T/S.

The T/S bases and surveillance requirements were not reviewed in this audit of the T/S.

An explanation of each inconsistency between the T/S and the FSAR and SER is included in this report.

### 3. DISCUSSION

The following inconsistencies were identified:

1. T/S Section 3/4.6.5.2 (Secondary Containment Automatic Isolation Dampers)

T/S Table 3/4.6.5.2 (Secondary Containment Automatic Isolation Dampers) includes Reactor Building Purge Train Isolation Dampers 2VQ-037 and 2VQ-038. However, these dampers are not addressed in Table 6.5-1 (Standby Gas Treatment System Components) or in any other section of the FSAR.

2. T/S Section 3/4.8.3.2 (Primary Containment Penetration Conductor Overcurrent Protection Devices)

T/S Table 3/4.8.3.2 (Primary Containment Penetration Conductor Overcurrent Protection Devices) identifies all protective devices that shall be operable. The completeness of this table cannot be verified because the FSAR and SER does not include a table identifying the required overcurrent protection devices.

Table I contains a summary of the LaSalle T/S sections reviewed; consistencies and inconsistencies with the FSAR and/or the SER are shown.

TABLE I. LASALLE-2 TECHNICAL SPECIFICATIONS/FSAR/SER CONSISTENCY SUMMARY

<u>SECTION</u>	<u>CONSISTENT/INCONSISTENT</u>
<u>3/4.3 INSTRUMENTATION</u>	
3/4.3.2 ISOLATION ACTUATION INSTRUMENTATION	Consistent
3/4.3.3 EMERGENCY CORE COOLING SYSTEM ACTUATION INSTRUMENTATION	Consistent
<u>3/4.5 EMERGENCY CORE COOLING SYSTEMS</u>	
3/4.5.1 ECCS - OPERATING	Consistent
3/4.5.3 SUPPRESSION CHAMBER	Consistent
<u>3/4.6 CONTAINMENT SYSTEMS</u>	
3/4.6.1 PRIMARY CONTAINMENT	
Primary Containment Integrity	Consistent
Primary Containment Leakage	Consistent
Primary Containment Air Locks	Consistent
MSIV Leakage Control System	Consistent
Primary Containment Structural Integrity	Consistent
Drywell and Suppression Chamber Internal Pressure	Consistent
Drywell and Suppression Chamber Purge System	Consistent
3/4.6.2 DEPRESSURIZATION SYSTEMS	
Suppression Chamber	Consistent
Suppression Pool Spray	Consistent
Suppression Pool Cooling	Consistent
3/4.6.3 CONTAINMENT ISOLATION VALVES	Consistent



TABLE I. (Continued)

<u>SECTION</u>	<u>CONSISTENT/INCONSISTENT</u>
3/4.6.5 SECONDARY CONTAINMENT	
Secondary Containment Automatic Isolation Dampers	Inconsistent
Standby Gas Treatment System	Consistent
3/4.6.6 PRIMARY CONTAINMENT ATMOSPHERE CONTROL	
Primary Containment Atmosphere Control Systems	Consistent
Drywell and Suppression Chamber Oxygen Concentration	Consistent
<u>3/4.8 ELECTRICAL POWER SYSTEMS</u>	
3/4.8.1 A.C. SOURCES	
A.C. Sources-Operating	Consistent
3/4.8.2 ONSITE POWER DISTRIBUTION SYSTEMS	
Distribution - Operating	Consistent
D.C. Sources - Operating	Consistent
Primary Containment Penetration Conductor Overcurrent Protective Devices	Inconsistent

#### 4. CONCLUSION

As shown in Table I, 24 technical specification sections were compared with information in the FSAR and SER for LaSalle Unit 2. Inconsistencies were identified in two sections of the technical specifications shown in Table I. This review did not determine the significance of the inconsistency or which of the documents was in error.

#### 5. REFERENCES

1. LaSalle County Station, Unit 2, Technical Specifications Rev. December 1983
2. LaSalle County Station, Unit 2, FSAR up to Amendment No. 63
3. LaSalle County Station, Unit 2, SER up to Supplement No. 7