



Commonwealth Edison
LaSalle County Nuclear Station
2601 N. 21st. Rd.
Marseilles, Illinois 61341
Telephone 815/357-6761

April 12, 1994

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

Subject: LaSalle County Station Units 1 and 2
Updated Final Safety Analysis Report (UFSAR)
Facility Operating Licenses NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

- References (a) December 15, 1980 letter from D.G. Eisenhut (USNRC)
to All Licensees
- (b) April 5, 1993 letter from M.B. Depuydt
to U.S. Nuclear Regulatory Commission.
- (c) LaSalle Annual Report

Gentlemen:

In accordance with the requirements of 10 CFR 50.71(e)(4), Commonwealth Edison submits Revision 10 to the Updated Final Safety Analysis Report (UFSAR) for the LaSalle County Station. Units 1 and 2 have a common FSAR and, therefore, this revision contains information for both units.

The UFSAR has been prepared in accordance with guidance approved by the May 9, 1980 Federal Register Notice 10 CFR 50.71(e) and Reference (a). Consistent with that guidance, this UFSAR revision has been retained in the original FSAR's format or content to conform with the recommendations contained in Regulatory Guide 1.70.

Commonwealth Edison has made every effort to identify all relevant information for this revision including modifications to the facility as described in the UFSAR that have been made since the last submittal (Reference (b)). In our judgement, the UFSAR accurately reflects the as-built condition of the plant as of October 17, 1993. All changes requiring NRC approval have been reviewed by the NRC (Reference (c)) and all others have safety evaluations on site to document the station's determination that prior approval was not required. Attachment A identifies the changes made under the provisions of 10 CFR 50.59 that were not previously submitted to the NRC, and provides a brief summary of these changes.

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To the best of my knowledge and belief the statements contained in the UFSAR are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by Commonwealth Edison employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

In accordance with the requirements of 10 CFR 50.4(b)(6), one signed original and ten (10) additional copies of the UFSAR revisions are provided. Also, attached is an "Index of Changes" which explains which pages of the UFSAR must be removed and which revised pages must be inserted.

Respectfully,

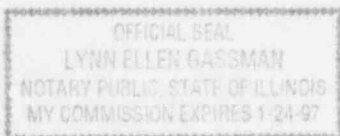
Gary G. Benes

Gary Benes
Nuclear Licensing Administrator

Attachments

SUBSCRIBED AND SWORN to
before me this 12th day
of April, 1994

Lynn Ellen Gassman
Notary Public



- cc: J.B. Martin - RIII w/o attachment
- A.T. Gody, Jr. - Project Manager NRR w/o attachment
- D.E. Hills - Senior Resident Inspector - LSCS w/o attachment

LAP-400-4
Revision 8
February 3, 1994
8

ATTACHMENT B

LASALLE COUNTY STATION
UPDATED FINAL SAFETY ANALYSIS REPORT(UFSAR)TRANSMITTAL

TO ALL LASALLE UFSAR HOLDERS: April 17, 1994 10
 Effective Date Revision

REMOVE the following pages from your controlled copy of the LaSalle UFSAR. INSERT the new pages as indicated. Sign this transmittal form in the space provided for holder below. Return this signed sheet before May 17 to:

Mr. D. G. Trager
Administration Department
LaSalle Nuclear Station
2601 North 21st Road
Marseilles, IL 61341

If you have any questions or comments, please contact the FSAR Coordinator at extension 2925.



D. J. Ray
Station Manager
LaSalle County Station

1-12

SET NO. HOLDER SIGNATURE DATE

The following is a summary of changes to the facility which are described in the Safety Analysis Report, made under the provisions of 10 CFR 50.59, not previously submitted to the NRC:

UFSAR Volume V

Chapter 6 - Engineered Safety Features
Revision to Section 6.3.2.2.6 to revise the required net positive suction head (NPSH) of the emergency core cooling pumps. This affected on calculations associated with station blackout analysis.

UFSAR Volume VI

Chapter 7 - Instrumentation and Controls
Administrative change to Section 7.3.6.2 to reflect the as-built configuration of the facility. Modifications M01-0-90-001, M01-1-90-001, M01-1-90-002, and M01-2-90-002 included crankcase gauge additions to diesel generators (DGs) 0, 1A, 1B, and 2B. This change clarifies that the gauges are for crankcase pressure indication (as opposed to crankcase vacuum).

UFSAR Volume VI

Chapter 8 - Electric Power
Revision to UFSAR Section 8.3, to reflect a trip delay time band of 0.1 to 4.0 seconds in the Reactor Protection System (RPS) Electrical Protection Assembly (EPA) Trip Delay Time Requirements. EPA overvoltage, undervoltage, and underfrequency setpoints as specified in Technical Specifications are incorporated.

UFSAR Volume VII

Chapter 9 - Auxiliary Systems
Revision to UFSAR Section 9.5.4.4 to reflect Technical Specification amendments for Unit 1 and 2 associated with Diesel Generator fuel oil testing standards.

UFSAR Volume VIII

Chapter 13 - Conduct of Operations
Revision to UFSAR Chapter 13, Section 1 to reflect the relocation of the description of the station and corporate organizations to QA Topical Report CE-1-A, and its parent document, the Commonwealth Edison Company Quality Assurance Manual.

UFSAR Volume VIII

Chapter 15 - Accident Analysis
Section 15.9, "Loss of All Alternating Current Power (Station Blackout)", added to UFSAR to address station blackout.

UFSAR Volume VIII

Chapter 15 - Accident Analysis
Removal of Cycle Specific Information from the UFSAR that is already included in the reload license package of each unit. This eliminates redundancy of effort and reduces the associated administrative burden.

UFSAR Volume IX

Appendix H - Fire Hazards Analysis

Update to UFSAR Appendix H, Section 3

Sections H.3.7.1, H.3.7.2, H.3.7.3 and H.3.8.2 (For fire zones 7A1, 7A2, 7A3 and 8A2 respectively) of the UFSAR indicated that the floor slabs of these fire areas are three (3) hour rated except for an oversized exhaust stack penetration. These sections are revised to clarify that the exhaust stack penetrations are unrated because of their size. This is consistent with the wording currently indicated in UFSAR section H.3.8.1 (for fire zone 8A1).

UFSAR sections H.3.7.4, H.3.7.5, H.3.7.6, H.3.8.3 and H.3.8.4 (for fire zones 7B1, 7B2, 7B3, 8B1, and 8B2, respectively) indicated that the ceiling of the rooms are three (3) hour rated except for an oversized exhaust stack penetration. These sections are revised to clarify that the exhaust stack penetrations are unrated because of their size. This is consistent with the wording indicated in UFSAR section H.3.8.1 (for fire zone 8A1). Additionally, UFSAR sections H.3.7.4 (for fire zone 7B1) and H.3.8.3 (for fire zone 8B1) are being revised to indicate which fire zones are located directly above them.