



Commonwealth Edison
LaSalle County Nuclear Station
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September 28, 1988

Mr. A. Bert Davis
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

This Special Report is being submitted in accordance with LaSalle Unit 1 and 2 Operating License NPP-11 and NPP-18, and Technical Specifications 6.6.C and 3.6.1.5 concerning Primary Containment Structural Integrity.

On September 14, 1988 at 1523 hours with Unit 1 in Operational Condition 1 (Run) at 95 percent power and Unit 2 in Operational Condition 1 at 71 percent power, performance of the tensile strength test of a removed containment tendon wire failed to meet the acceptance criteria specified (i.e., 240 ksi). This test was performed in accordance with Technical Specification Surveillance requirement 4.6.1.5.b.2. A total of twelve tests on different sections of different wires were run and two of the test results (237 ksi and 239.5 ksi) were unsatisfactory. Therefore, compliance with action b of Technical Specification 3.6.1.5 was required. The primary containment structural integrity was restored by verifying that the containment still had the required level of integrity. In addition, an engineering evaluation of the containment was conducted to determine what effects, if any, the lower tensile strength test would have on long-term containment integrity. Finally, this Special Report to the Commission provides the results of this analysis and conclusions to the NRC for their review. Commonwealth Edison believes that the structural integrity of the primary containment is maintained at a level consistent with the acceptance criteria of Technical Specification 4.6.1.5. The fact that one sample per unit failed prior to 240 ksi is not evidence of abnormal degradation of the primary containment structure.

WRO [Signature]

for G. J. Diederich
Station Manager
LaSalle County Station

GJD/TAH/kg

Enclosure

xc: Nuclear Licensing Administrator
NRC Residential Inspector
U.S. NRC Document Control Desk
INPO Record Center
NRC Project Manager - LaSalle

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