LOUISIANA POWER & LIGHT/Waterford 3 SES/P. O. Box B/Killona, LA 70066
MIDDLE SOUTH UTILITIES SYSTEM

August 20, 1984

W3K84-1928
Q-3-A35.07.115

Mr. John T. Collins
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

REFERENCE: Telecon C. Hooper (LP&L) and M. Murphy (NRC IV) on July 19, 1984

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3
Docket No. 50-382
Significant Construction Deficiency No. 115
"Johns-Manville Micro-Lok Fiberglass Insulation Fluoride Levels"
Final Report

In accordance with the requirements of 10CFR50.55(e), we are hereby providing two copies of the Final Report of Significant Construction Deficiency No. 115, "Johns-Manville Micro-Lok Fiberglass Insulation Fluoride Levels". This item was previously reported as PRD No. 175.

Very truly yours,

T. F. Gerrets

T. F. Gerrets
Corporate Quality Assurance Manager

TFG:CNH:VBR

Attachment

cc: Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

IE-27
1/1

cc: Director
Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. E. L. Blake
Shaw, Pittman, Potts & Trowbridge
1800 M Street, N.W.
Washington, D.C. 20036

Mr. W. M. Stevenson
Monroe & Lemann
1424 Whitney Building
New Orleans, Louisiana 70130

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

Mr. W. A. Cross
7910 Woodmont Avenue
Suite 1200
Bethesda, Maryland 20814

FINAL REPORT OF
SIGNIFICANT CONSTRUCTION DEFICIENCY NO. 115
"JOHNS-MANVILLE MICRO-LOK FIBERGLASS INSULATION FLUORIDE LEVELS

INTRODUCTION

This report is submitted pursuant to 10CFR50.55(e). It describes the problem of unacceptable high fluoride levels in "Micro-Lok" insulation supplied by Johns-Manville.

To the best of our knowledge, this has been reported pursuant to 10CFR21, by Johns-Manville.

DESCRIPTION OF THE PROBLEM

Johns-Manville, supplier of "Micro-Lok" fiberglass insulation, informed AIS Joint Venture, our insulation subcontractor, that several lots of piping insulation were supplied to Waterford #3 which contains fluoride levels slightly higher than those allowed by NRC Regulatory Guide 1.36.

Regulatory Guide 1.36 addresses non-metallic thermal insulation for austenitic stainless steel structures, systems and components important to safety. Its purpose is to preclude stress corrosion cracking, caused by leaching of halide (i.e: Fluoride and Chloride) ions from the insulation. The Ebasco position, as stated in the FSAR, is to comply in full with the requirements of this Regulatory Guide.

SAFETY EVALUATION

Significant Construction Deficiency No. 115 is not reportable under 10CFR50.55(e) because all insulated safety related austenitic stainless steel systems and components were determined not to have been insulated with "Micro-Lok". Therefore, there are no adverse affects to the safety of the plant.

CORRECTIVE ACTION

Utilizing information supplied by AIS, Ebasco Service Site Engineering (ESSE) determined that the affected lots of Micro Lok insulation were not used to insulate safety related austenitic stainless steel systems and components at Waterford #3.

Since the present situation has been determined to be satisfactory, no corrective action is required.

This report is submitted as the Final Report.