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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

October 10, 1984

Mr. James G. Keppler
Regional Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

RE: Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Power Lead Gland Assemblies
Supplied by Conax [RDC 114(84)]

Dear Mr. Keppler:

This letter serves as an interim report pursuant to 10CFR50.55(e) concerning Power Lead Gland Assemblies furnished by Conax which may suffer from a loss of electrical continuity. Our evaluation of this condition, per Deviation Analysis Report 201, was first reported by Mr. P. Martin of The Cleveland Electric Illuminating Company to Mr. James McCormick-Barger of your office on September 14, 1984.

This report contains a description of the deficiency and the planned course of action for completion of our evaluation for significance.

Description of Deficiency

Conax supplied eight hundred twenty-one (821) power lead gland assemblies to the Perry Nuclear Power Plant (PNPP), Units 1 and 2, under procurement specification 793-12. On August 31, 1984, Conax filed a 10CFR21 report with the Nuclear Regulatory Commission concerning the power lead gland assemblies, Conax part numbers 7D92-11000-01 through 7D92-11000-04, 7D92-11001-01 through 7D92-11001-05, supplied to PNPP, and N-11150-01 and N-11151-01, supplied to Vermont Yankee Nuclear Plant. The nature of the defect is a potential loss of electrical continuity, as a result of a gradual reduction in the cross-sectional area of the conductors in the internal sealant area of the gland which could eventually lead to total conductor separation.

Further investigation by our Project Organization revealed that 338 power lead gland assemblies are in various stages of installation on Unit 1, with the remainder located in the PNPP warehouse.

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Completion of Evaluation

Nonconformance Reports TAS 90 and TAS 91 were issued for Unit 1 and Unit 2 respectively, to document this potential deficiency and track the resolution of this problem. Conax has agreed to conduct a series of tests on forty power lead gland assemblies that have been returned to them for evaluation of the parameters that may cause this potential defect. We plan to submit our final report on this subject by February 28, 1985.

Please call if there are any additional questions.

Sincerely,

Murray R. Edelman
Vice President
Nuclear Group

MRE:jj

DW165/P/2

cc: Mr. J. A. Grobe
NRC Site Office

Director
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