



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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Dalwyn R. Davidson
VICE PRESIDENT - ENGINEERING

July 18, 1979

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

Re: Perry Nuclear Power Plant
Interim Report on Rockbestos
Cable Jacket

Dear Mr. Keppler:

This letter is an interim report as required by 10 CFR 50.55(e) on the deficiency concerning Rockbestos Company cable. This item was first discussed in a telephone conversation between Mr. M. R. Edelman of the Cleveland Electric Illuminating Company and Mr. Jim Konklin of the NRC Region III, Office of Inspection and Enforcement on June 27, 1979.

Description of Deficiency

Rockbestos Co. was contracted by the Cleveland Electric Illuminating Co. to manufacture small power and control cable for Perry Nuclear Power Plant. After receipt of the cable it was discovered that the cable's hypalon jacket was eccentric and at times fell below the 80% tolerance required in our specification through LPCEA standard S-68-516. A sampling of the cable received revealed that approximately 6% of the reels of cable sampled contained cable which did not meet the specification requirements. Readings as low as 62% of jacket thickness were recorded. As a result there is some concern that the cable jacket will not be able to fulfill its intended function (to contain and protect the individual conductors) and that incipient faults could occur. Since it is felt that such a fault could adversely affect the safe operation or shutdown of the nuclear power plant, extensive evaluation or extensive repair will be required to establish the adequacy of the cable jacket to perform its intended safety function. At present, the Rockbestos Co. is proposing to conduct worst case pull test utilizing cable with jacket as low as 50% of specified thickness. These tests are scheduled to be conducted the week of August 13, 1979.

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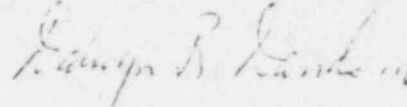
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Upon receipt of the worst case test results, an evaluation of the results will be conducted. The results of this evaluation will be described in a final report to be forwarded to your office by September 28, 1979.

Very truly yours,



Dalwyn R. Davidson
Vice President-System Engineering
& Construction

DRD:jl

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