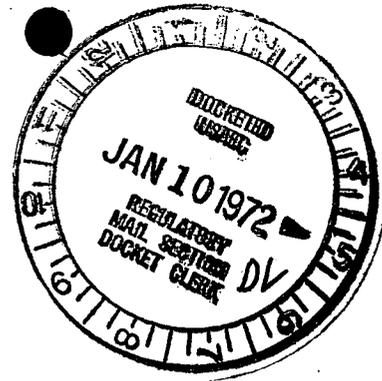


William J. Cahill, Jr.  
Vice President

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4 Irving Place, New York, N Y 10003  
Telephone (212) 460-3819



Re: Indian Point Station Unit  
No. 2 Docket No. 50-247

Regulatory File Cy.

Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545



Dear Dr. Morris

In our report of December 6, 1971 we described the electrical splices to be used in the repair of cables affected by the fire of November 4, 1971. In Section C of that report we stated that the outside of each splice would be covered by a fire resistant heat shrinkable tube to provide fire protection equivalent to the cable outer jacket. We also stated that completed sample joints would be subjected to the same fire tests as the original cable.

When these tests were made it was found that the fire resistance of the splice could be significantly improved by placing another fiberglass sleeve over the fire resistant heat shrinkable tubing. The reason for this is that in some cases when subject to very intense flame the original heat resistant tubing, although it did not burn, did tear after a short time and expose the splice materials beneath it to the flame.

We have conducted extensive fire tests in accordance with our original report on the modified splice and conclude that the fire resistance of the splice in all cases is superior to the original design and indeed is superior to the unspliced cable with its Asbestos braid jacketed uninterrupted. For this reason we plan to modify the splicing and terminating instructions in our December 6, 1971 report by adding the following general note.

16. All splices will be covered with Hygrade Thermoflex Flexible Fiberglass sleeving. This sleeving will overlap the cable asbestos jacket by at least two inches and be tied at each end with fiberglass cord.

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Dr. Morris - 2 -

The addition of the fiberglass sleeving will not reduce the thermal rating of the cables nor will it produce congestion in the splice boxes because in spite of its excellent fire resistant characteristics it is very thin and does not significantly affect the diameter of the splice. The fiberglass sleeving conforms to NEMA standard VSI-1962 and is closely woven to provide maximum abrasion resistance and high flexibility.

Very truly yours

*William J. Cahill, Jr.*

FROM: Consolidated New York Telephone Company of N.Y.  
 Williston, N.Y.

DATE OF DOCUMENT: Undated  
 DATE RECEIVED: Jan. 10, 1972  
 NO.:

LTR. MEMO: REPORT: OTHER:

TO: Dr. Peter A. Morris

ORIG.: 1  
 CC: OTHER:

ACTION NECESSARY  CONCURRENCE  DATE ANSWERED:  
 NO ACTION NECESSARY  COMMENT  BY:

CLASSIF.: U POST OFFICE REG. NO:

FILE CODE: 50-247

DESCRIPTION: (Must Be Unclassified)  
 Ltr re their 12-6-71 rpt...furnishing  
 addl info on 11-4-71 fire incident at  
 Indian Pt. Unit #2 Plant....

REFERRED TO	DATE	RECEIVED BY	DATE
Muller w/9 cys for ACTION	1-11-72		

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REMARKS: