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October 4, 1984

Dr. Thomas E. Murley, Administrator  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Dr. Murley:

SIGNIFICANT CONSTRUCTION DEFICIENCY  
WIRING IN COMSIP PANELS  
HOPE CREEK GENERATING STATION

On September 5, 1984, a verbal report was made to Region I, Office of Inspection and Enforcement representative, Mr. E. Kelly, advising of a potentially significant construction deficiency concerning inadequate wiring in control panels. The following final report is provided in accordance with 10CFR50.55(e).

Description of the Deficiency

Our Architect/Engineer and Constructor, Bechtel, has advised us that Comsip Customline, Inc. supplied eight (8) electrical panels that may not meet design requirements for installation in harsh environments. The panels contain wiring that does not meet the specified insulation wall thickness requirements of purchase specification J-201(Q). Bechtel has determined that the wire was supplied to Comsip by Boston Insulated Wire and Cable Company. Bechtel has issued Nonconformance Report No. 4584 to document and control the discrepant hardware.

Corrective Action

Bechtel will replace the suspect wire with wire that meets the specification requirements. Completion of this activity is scheduled for January 18, 1985.

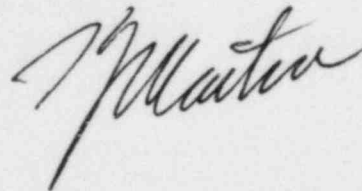
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Safety Analysis

It was determined that the existing panel wiring might not maintain required performance under the harsh environmental conditions postulated for the panel locations. The control panels are required for operation of the Safety Auxiliary Cooling System and the Reactor Building Filtration, Recirculation and Ventilation System. Based upon the above, we conclude that safe operation of the plant could have been adversely affected had the problem gone uncorrected. We therefore consider this condition to be reportable in accordance with 10CFR50.55(e).

Very truly yours,



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Division of Reactor Construction Inspection  
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