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ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY



May 7, 1981

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, PA 19406

Docket Nos. 50-317
50-318
License Nos. DPR-53
DPR-69

ATTENTION: Mr. B. H. Grier, Director

Gentlemen:

This refers to IE Bulletin 81-03, "Flow Blockage of Cooling Water to Safety System Components for CORBICULA SP. (Asiatic Clam) and MYTILUS SP. (Mussel)". The applicable items of this bulletin are addressed below.

ITEM 1

Neither Corbicula sp. or Mytilus sp. is found in the molluscan species lists in submerged substrate studies or benthic studies in the vicinity of Calvert Cliffs Nuclear Power Plant. These studies were conducted by the Academy of Natural Sciences of Philadelphia. The submerged substrate studies which are directly applicable to biofouling concerns were begun in 1968 and terminated in 1978. Since this study was for our own information and not required by the Environmental Technical Specifications, a ten-year data base was considered adequate. In addition, benthic studies conducted in 1977 and 1978 substantiated the biofouling species noted in the submerged substrate studies. Neither of these studies have ever shown Mytilus sp. or Corbicula sp. to be present. The estuarine salinity regime (8-15 o/oo) at Calvert Cliffs Nuclear Power Plant is inappropriate for these species, (e.g., too saline for Corbicula sp., which is essentially a fresh water organism, and too brackish for Mytilus sp., which requires a more saline regime).

ITEM 4

Our present practices require all component cooling and service water heat exchangers to be opened, inspected, and mechanically cleaned (including tube

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cc: J. A. Biddison, Esquire
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