

POOR ORIGINAL

Docket No. 50-289

Metropolitan Edison Company  
ATTN: Mr. R. C. Arnold  
Vice President - Generation  
P. O. Box 542  
Reading, Pennsylvania 19603

Gentlemen:

We have been advised by the Babcock and Wilcox (B&W) Company that an updated analysis of the hydraulic performance of the Sodium Thiosulfate Reactor Building Spray System indicates a possible deficiency in the performance of that system in that sodium hydroxide and sodium thiosulfate tanks may empty prior to the emptying of the borated water storage tank. In turn, the operation of the spray system without sodium hydroxide or thiosulfate could have a significant effect on the calculated off-site doses in the event of a LOCA and may not be consistent with your FSAR.

Since the B&W analysis is sensitive to the as-built piping configuration of each unit it will be necessary that each facility do a reanalysis in this area and confirm that the system performs within the criteria stated in the FSAR. You are requested to advise us of the results of your analysis in this area including a description of any proposed or completed testing programs. In addition to considering the hydraulic performance of the system and potential deviation in the tank drawdown you are also requested to address the matter of potential pump damage due to cavitation resulting from mismatched drawdowns. Your response on this matter is requested within 30 days of receipt of this letter.

Sincerely,

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Reactor Licensing

cc: See next page

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| OFFICE →  | ORB#4<br><i>Dub</i> | ORB#4<br><i>RWR</i> |  |  |  |  |
| SURNAME → | DNBridges/dg        | RWReid              |  |  |  |  |
| DATE →    | 9/4/75              | 9/4/75              |  |  |  |  |

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