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MEMORANDUM FOR: J. Stolz, Chief, Light Water Reactors Branch #1, DPM
 FROM: L. G. Hulman, Chief, Hydrology-Meteorology Branch, DSE
 SUBJECT: EVALUATION OF ADDITIONAL ONSITE METEOROLOGICAL DATA
 (8/75 - 8/76) FOR DAVIS-BESSE UNIT 1

We have reviewed the additional one year (8/75 - 8/76) of onsite meteorological data provided to us on November 29, 1976. We have calculated relative concentration (X/Q) values using these three sets of available onsite meteorological data:

- 1) August 1974 - August 1975
- 2) August 1975 - August 1976
- 3) August 1974 - August 1976

The relative concentration values calculated using the August 1975 - August 1976 data are slightly lower (less than 10% for the 0-2 hour value at the exclusion distance of 732 meters, and about 25% lower for values at the LPZ distance of 3200 meters) than those based on the August 1974 - August 1975 data as presented in the SER. Enclosed are revisions to SER Section 2.3 that reflect our evaluation of all available onsite meteorological information.

Original Signed by
 L. G. Hulman

L. G. Hulman, Chief
 Hydrology-Meteorology Branch
 Division of Site Safety and
 Environmental Analysis

Enclosure:
 As Stated

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