

Comments on "Amendment No. 1 to Preliminary Hazards Summary Report,
FWCNG Nuclear Power Plant", dated February 4, 1960

Prepared by

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A review of the inversion data included in this report suggests a frequency of low-level stability conditions similar to other east coastal areas, which is somewhat less than that for inland areas. That is, stable conditions may be expected to occur at this site with a frequency comparable to or less than that for most other areas east of the Rocky Mountains.

We feel that it would be helpful to provide a more detailed description of the additional inversion data obtained from the various fertilizer facilities in the vicinity of the site (Volume 1, page 20). It is not clear whether this data is in quantitative or qualitative form — or, for that matter, over what height interval the inversion statistics apply, if the data is obtained from the more than 200 foot tower mentioned on page 99.

The other meteorological data provide a reasonable estimate of pertinent weather features of the area, e.g., the prevalence of east winds, shower activity and winter nocturnal inversions. The relationship of wind data to population distribution is useful in assessing potentially affected areas. However, the high occurrence of shower activity in this region may call for a further inspection of washout potential.

The meteorological parameters (Table VIII, page 123, Volume 3) chosen for the deposition calculations are reasonable. The procedures for calculations, as referenced, seem straightforward.

In summary, we see no adverse or unusual meteorological conditions that prevail at the site area that constitute any abnormal concern to environmental safety. With regard to severe weather occurrences (hurricanes, tornadoes), special advisories are issued by the U. S. Weather Bureau. It is to be expected that all interested parties would keep in close touch with the latest advices during periods of such weather.

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