

To: U.S. Nuclear Regulatory Commission, WMEG
Attn: J. Pearring; M. Nataraja

5-31-84

From: J. Daemen *JD*

Re: General Guidelines for Recommendation of Sites for Nuclear
Waste Repositories-DOE Final Guidelines, November 18,
1983

The subject document has been provided for information during the
5/24-25/84 meeting.

I would like to bring to your attention that the definition of "disturbed zone" given in this document (Subpart A, General Provisions, Section 960.2, Definitions, p. 3) differs from the definition in 10CFR60 in one potentially significant aspect: DOE explicitly excludes shafts from the disturbed zones, whereas NRC does not.

It is conceivable that the definition of "disturbed zone" might affect the interpretation of 10CFR60, §60.113,(a),(2). It also could affect shaft support and operational sealing requirements, in particular treatment of the ground surrounding the shaft.

The specific question that arises is: if construction of the underground facility or heat generated by the emplaced radio- active wastes changes a shaft (liner, grout, immediately surrounding rock?), does this affect the extent of the disturbed zone?

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