



SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

September 21, 1982

DIRECTOR OF NUCLEAR REACTOR REGULATION
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OPERATING REACTORS BRANCH 4
US NUCLEAR REGULATORY COMMISSION
WASHINGTON DC 20555

DOCKET 50-312
RANCHO SECO NUCLEAR GENERATING STATION UNIT 1
IE BULLETIN 80-11 - MASONRY WALL LOADING

In a telephone conversation on September 1, 1982, Mr. Padovan and Mr. Chokshi of the NRC requested additional information to SMUD's response to IE Bulletin 80-11 concerning Masonry Wall Loading. The following are the NRC's questions and SMUD's responses.

What is the design criteria for masonry walls at Rancho Seco regarding tornado loading? As stated in the District's response to NRC IE Bulletin 80-11, dated January 19, 1982, Attachment A, Criteria for the Re-evaluation of Concrete Masonry Walls, the walls being evaluated were designed for an extreme wind pressure from a 101 mph wind. This is consistent with Rancho Seco Unit 1 updated Safety Analysis Report, subparagraph 5.1.2.1.7 Tornado Loads, in which it was stated "... the probability of a tornado or winds in excess of 101 mph in the vicinity of the Rancho Seco site is considered to be low". What tornado missiles have the masonry walls been designed for? The masonry walls being evaluated are all security walls for safety related equipment. This equipment is exposed to the environment, therefore, the masonry walls do not function as tornado missile barriers. The masonry walls evaluated in our report dated January 19, 1982 have not been designed to resist any Tornado Missiles.


John J. Mattimoe
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