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for Site Technology, SSEA

OCONEE PLANTS, SEISMICALLY INDUCED FLOOD

On the basis of the January 15, 1976 Jackson/Stepp memorandum on recent earthquake activity in the vicinity of Jocassee Dam, we have reviewed our files to determine the bases of our seismically induced flood analysis for the Oconee OL.

On the basis of a licensee analysis of the 380-foot high Jocassee Dam for .05g vertical and .1g horizontal accelerations, the staff concluded that the Jocassee spillway would not fail and, therefore, a seismically induced flood was unlikely.

A preliminary analysis of such a flood, without regard to cause, indicates the reactor area could be vulnerable to both inundation and a flood wave. However, a more detailed analysis (requiring data we do not have in our files) might indicate such an occurrence is unlikely for any of several reasons.

Original Signed by  
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