

APPENDIX A REFERENCES

A-1. Required Publications

ER 1110-2-1150

Engineering and Design for Civil Works Projects

ER 1110-2-1155

Dam Safety Assurance

TM 5-809-10/NAVFAC P-355/AFM 88-3, Chap. 13, Sec A

Seismic Design for Buildings

TM 5-809-10-1/NAVFAC P-355.1/AFM 88-3, Chap. 13, Sec A

Seismic Design Guidelines for Essential Buildings

Chopra 1987

Chopra, A. K. 1987. "Simplified Earthquake Analysis of Concrete Gravity Dams," *ASCE Journal of the Structural Division*, 113ST8.

Chopra and Goyal 1989

Chopra, A. K., and Goyal, A. 1989. "Earthquake Analysis and Response of Intake-Outlet Towers," Report No. UCB/EERC-89-04, Earthquake Engineering Research Center, University of California, Berkeley, CA.

A-2. Related Publications

EM 1110-2-1902

Stability of Earth and Rockfill Dams

EM 1110-2-2200

Gravity Dam Design

EM 1110-2-2201

Arch Dam Design

Algermissen 1983

Algermissen, S. T. 1983. "An Introduction to the Seismicity of the United States," Earthquake Engineering Research Institute, Berkeley, CA.

Chopra 1981

Chopra, A. K. 1981. *Dynamics of Structures, A Primer*, Earthquake Engineering Research Institute, Berkeley, CA.

Clough and Penzien 1993

Clough, R. W., and Penzien, J. 1993. *Dynamics of Structures*, McGraw-Hill, New York.

Cornell 1968

Cornell, C. A. 1968. "Engineering Seismic Risk Analysis," *Bulletin of the Seismological Society of America*, Vol 58, pp 1583-1606.

Earthquake Engineering Research Institute

Committee on Seismic Risk 1989. "The Basics of Seismic Risk Analysis," *Earthquake Spectra*, Vol 5, pp 675-702.

Ebeling 1992

Ebeling, R. M. 1992. "Introduction to the Computation of Response Spectrum for Earthquake Loading," Technical Report ITL-92-11, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

FEMA 1992

Federal Emergency Management Administration. 1992. "NEHRP Recommended Provisions for the Development of Seismic Regulations for New Buildings," 1991 Edition, FEMA 222 and 223, Washington DC.

Finn et al. 1986

Finn, W. D. L., Yogendrakumar, M., Yoshida, N., and Yoshida H. 1986. "TARA-3: A Program to Compute the Response of 2-D Embankments and Soil-Structure Interaction Systems to Seismic Loadings," Department of Civil Engineering, University of British Columbia, Vancouver, Canada.

Housner and Jennings 1982

Housner, G. W., and Jennings, P. C. 1982. "Earthquake Design Criteria," Earthquake Engineering Research Institute, Berkeley, CA.

Hudson 1979

Hudson, D. E. 1979. "Reading and Interpreting Strong Motion Accelerograms; Engineering Monographs on Earthquake Criteria, Structural Design, and Strong Motion Records," Vol 1, Earthquake Engineering Research Institute, Berkeley, CA.

Hynes-Griffin and Franklin 1984

Hynes-Griffin, M. E., and Franklin, A. G. 1984. "Rationalizing the Seismic Coefficient Method," Miscellaneous Paper GL-84-13, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

International Committee on Large Dams 1989

International Committee on Large Dams. 1989. "Selecting Seismic Parameters for Large Dams," *Guidelines*, Bulletin 72.

Krinitzsky and Chang 1987

Krinitzsky, E. L., and Chang, F. K. 1987. "Parameters for Specifying Intensity-Related Earthquake Ground Motions," Report 25, "State-of-the-Art for Assessing Earthquake Hazards in the United States," Miscellaneous Paper S-73-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

Makdisi and Seed 1978

Makdisi, F. I., and Seed, H. B. 1978. "Simplified Procedure for Estimating Dam and Embankment Earthquake Induced Deformations," *Journal of the Geotechnical Engineering Division, ASCE*, Vol 104, No. GT7, pp 849-867.

Marcusen, Hynes, and Franklin 1990

Marcusen, W. F., III, Hynes, M. E., and Franklin, A. G. 1990. "Evaluation and Use of Residual Strength in Seismic Safety Analysis of Embankments," *Earthquake Spectra*, Vol 6, No. 3, pp 529-572.

National Research Council 1988

National Research Council. 1988. "*Probabilistic Seismic Hazard Analysis*," National Academy Press, Washington, DC.

Newmark and Hall 1982

Newmark, N. M., and Hall, W. J. 1982. "Earthquake Spectra and Design; Engineering Monographs on Earthquake Criteria, Structural Design, and Strong Motion Records," Vol 3, Earthquake Engineering Research Institute, Berkeley, CA.

Newmark and Rosenbleuth 1971

Newmark, N. M., and Rosenbleuth, E. 1971. *Fundamentals of Earthquake Engineering*, Prentice-Hall, Englewood Cliffs, N.J.

Poulos, Castro, and France 1985

Poulos, S. J., Castro, G., and France, J. W. 1985. "Liquefaction Evaluation Procedure," *Journal of Geotechnical Engineering Division, ASCE*, Vol 111, No. 6, pp 772-792.

Poulos, 1988

Poulos, S. J. 1988. "Liquefaction and Related Phenomena," *Advanced Dam Engineering for Design and Construction and Rehabilitation*, Ch. 9, Robert B. Jansen, ed. Van Nostrand Reinhold, New York.

Reiter 1990

Reiter, L. 1990. *Earthquake Hazard Analysis, Issues and Insights*, Columbia University Press, New York.

Seed et al. 1975

Seed, H. B., Lee, K. L., Idriss, I. M., and Makdisi, F. I. 1975. "The Slides in the San Fernando Dams During the Earthquake of February 9, 1971," *Journal of Geotechnical Engineering Division, ASCE*, Vol 101, No. GT7, pp 651-688.

Seed 1979

Seed, H. B. 1979. "Soil Liquefaction and Cyclic Mobility Evaluation for Level Ground During Earthquake," *Journal of Geotechnical Engineering Division, ASCE*, Vol 105, No. GT2, pp 201-225.

Seed 1979

Seed, H. B. 1979. "19th Rankine Lecture: Considerations in the Earthquake Design of Earth and Rockfill Dams," *Geotechnique*, Vol 29, No. 3, pp 215-263.

Seed, Idriss, Arango 1983

Seed, H. B., Idriss, I. M. and Arango, I. 1983. "Evaluation of Liquefaction Potential Using Field Performance Data," *Journal of Geotechnical Engineering Division, ASCE*, Vol 1005, No. 3, pp 458-482.