



US Army Corps
of Engineers
Kansas City District

TUTTLE CREEK DAM

FACT SHEET

April 2001

Expert Consultation on Tuttle Creek Dam

The US Army Corps of Engineers has always relied on worldwide experts to validate methodologies used in design, construction, operation, maintenance, and safety review of its dams. The following experts were involved during various stages of the original design, construction, and Dam Safety Assurance Program:

- Feasibility Study, Board of Consultants (1951 - 1952):

- Dr. Arthur Casagrande, renown dam construction expert
- Leroy F. Harza, founder of Harza Engineering Company
- Hibbert Hill
- W. H. McAlpine

- Design and Construction, Board of Consultants (1954 - 1959):

- Dr. Arthur Casagrande
- Gen. Hans Kramer (ret.)
- Hibbert Hill
- H. H. Roberts

- Preliminary Seismicity Assessment (1980 - 1984):

- Prof. Robert B. Herrmann, Saint Louis University
- Otto Nuttli, Saint Louis University
- Dr. Don Steeples, University of Kansas, Lawrence

- Seismic Stability, Preliminary Evaluation Study (1989):

- Prof. Raymond Seed, University of California, Berkeley

- Detailed Seismicity Assessment (1996 - 1998):

- Dr. Ellis Krinitzky, Waterways Experiment Station
- Dr. Don Steeples, University of Kansas, Lawrence
- Prof. Martin Chapman, Virginia Polytechnic Institute and State University, Blacksburg
- Dr. David Perkins, US Geological Survey
- Dr. Paul Somerville, URS Greiner Woodward Clyde

(over)



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- Embankment Properties and Deformation Analysis (1998 - 2001):

- Dr. Mary-Ellen Hynes, Waterways Experiment Station
- Dr. Richard Ledbetter, Waterways Experiment Station
- Dr. Radu Popescu, Centre for Cold Ocean Resources Engineering, St. John's, NF, Canada
- Prof. W. Liam Finn, University of British Columbia, BC, Canada and Kagawa University, Japan
- Dr. Gonzalo Castro, GEI Consultants, Inc., Winchester, MA

- Seismic Stability of Outlet Works (1998 - 2000):

- Ralph Strom, consultant, Portland, OR

This fact sheet is published by the U.S. Army Corps of Engineers, the lead agency for the Tuttle Creek Dam Safety Assurance Program. Comments or questions about this fact sheet or the Dam Safety Assurance Program should be directed to Bill Empson of the Kansas City District, Corps of Engineers at (816) 983-3556 or by E-mail at tcdam.nwk@usace.army.mil. Questions or comments about lake operations or Tuttle Creek project office activities should be directed to the on-site Operations Manager, Brian McNulty at 785-539-8511. For additional information, visit our web site: <http://www.nwk.usace.army.mil/tcdam>



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