

NEWS

- * Dr. H. Shibata, Professor, had been working to draft the safety guide on "Aseismic analysis and testing of nuclear power station" for International Atomic Energy Agency in Vienna, Austria for two weeks in September and October, 1975. This safety guide involves three chapters for aseismic design and analysis and two chapters for testing and instrumentation. Technical Reviewing Committee had been held in the last two weeks of November to review the draft, and Dr. K. Akino attended at the committee as the Japanese delegate and Dr. H. Shibata also did as a specialist of the Agency.
- * The third Conference on Structural Mechanics in Reactor Technology was held at Imperial Colledge in London from September 1 to 5. Dr. H. Shibata, Dr. H. Sato, Dr. K. Suzuki and Dr. K. Akiro attended and presented several papers at the conference. And in the following week, the International Seminar on Extreme Load Conditions and Limit Analysis Procedures for Structural Reactor Safeguards and Containment Structures as the post conference of 3 SMiRT in Berlin. Dr. H. Shibata attended at the meeting also.
- * Dr. H. Shibata, Professor, was invited as a speaker of general lectures for 1975 JSME-ASME Applied Mechanics Western Conference held in Honolulu, Hawaii from March 24 to 27, 1975. The title of the lecture was "Anti-Earthquake Design of Industrial Facilities".
- * Dr. T. Katayama, Associate Professor, attended the U.S. National Conference on Earthquake Engineering held in Ann Arbor, Michigan, from June 18 to 20, 1975, and presented a paper "Earthquake Damage to Water and Gas Distribution Systems" coauthored by K. Kubo and N. Sato. After the conference, he stayed in Los Angeles for a week to visit varicus utilities and discuss the seismic damage sustained by utility systems during the 1971 San Fernando earthquake.
- * Two earthquakes occurred in the Kyushu Island in the early half of 1975. A Magnitude 6 earthquake occurred on January 23, 1975, near Mt. Aso, one of the most famous active volcanos in Japan. Damage by this earthquake was minor especially for civil engineering structures. The Central Oita Prefecture earthquake of April 21, 1975, having a Magnitude of 6.4, caused substantial damage to some of the modern structures. In the epicentral region, the severity of ground shaking is estimated as Intensity VI by the Japan Meteorological Agency Scale (Intensity IX by the M.M. Scale). A four-story reinforced concrete hotel building

collapsed and large-scale landslides occurred in several locations along a main toll road in the mountain region. Damages by the two earthquakes were surveyed by Associate Professor T. Katayama and Research Assistant N. Sato. Reports in Japanese are available in Nos. 6 and 9, Vol. 27, of "SEISAN KENKYU", a monthly journal of the Institute of Industrial Science.

- * Associate Professor Shigeya Kawamata transferred from the Institute of Industrial Science, University of Tokyo, to Tohoku Institute of Technology on August 1, 1975.
- * Dr. T. Okada, Associate Professor, visited University of California, Berkeley and stayed for a month to proceed the US-Japan Cooperative Research Program in Earthquake Engineering with Emphasis the Safety of School Buildings (7/15-8/17, 1975).
- * Dr. T. Okada and Dr. T. Katayama, Associate Professors, attended the Review Meeting on the US-Japan Cooperative Research Program in Earthquake Engineering with Emphasis on the Safety of School Buildings and presented papers (8/18-20, 1975).
- * Dr. K. Takanashi, Associate Professor, stayed at Lehigh University, Bethlehem, Pa., and University of California, Berkeley, California under the scholarship of Japanese Government (9/1, 1974-8/31, 1975).