

Activities of the Japanese Nuclear Data Committee and the Japanese Evaluated Nuclear Data Library

Tadashi Yoshida

Musashi Institute of Technology, 1-28-1 Tamazutsumi, Setagaya-ku,
Tokyo 158-8557, Japan

Akira Hasegawa

Japan Atomic Energy Research Institute, Tokai-mura, Naka-gun,
Ibaraki-ken 319-11, Japan

Naoki Yamano

Sumitomo Atomic Energy Industries, Ltd., 2-10-14 Ryogoku, Sumida-ku,
Tokyo 130-0026, Japan

Abstract

The Japanese Nuclear Data Committee was established in 1963 and in its infancy the effort was concentrated on producing the neutron data for fast-reactor applications. Since then the application field has gradually been extended to include LWR design and safety, fuel cycles, accelerators, conceptual design of innovative reactors and other scientific fields. In accordance with this, JNDC has also extended its activities and now it consists of 14 Working Groups and 6 Standing Groups. The results of the evaluation effort have occasionally been compiled as the Japanese Evaluated Nuclear Data Library from JENDL-1 (1977) to JENDL-3.2 (1994).

Evaluation and compilation for JENDL-3.3 and for some other Special Purpose Files have almost completed and their benchmarking is under way. JENDL-3.3 will be released in this fiscal year.