

WRC Bulletin 361

February 1991

This Bulletin contains two reports that compare the French RCC-M Pressure Vessel Code and the U.S ASME Section III Code on Design of Nuclear Components and Piping Design Rules.

(1) Improvements on Fatigue Analysis Methods for the Design of Nuclear Components Subjected to the French RCC-M Code

By J. M. Grandemange, J. Heliot, J. Vagner, A. Morel and C. Faidy

(2) Framatome View on the Comparison between Class 1 and Class 2 RCC-M Piping Design Rules

By C. Heng and J. M. Grandemange.

Publication of this bulletin was sponsored by the Pressure Vessel Research Council of the Welding Research Council. The price of WRC Bulletin 361 is \$30.00 per copy, plus \$5.00 for U.S. and \$10.00 for overseas, postage and handling. Orders should be sent with payment to the Welding Research Council, Room 1301, 345 E. 47th St., New York, NY 10017.

WRC Bulletin 362

April 1991

Recommended Practices in Elevated-Temperature Design: A Compendium of Breeder Reactor Experiences (1970-1987), Volume I—Current Status and Future Directions

Edited by A. K. Dhalla

The recommended practices for elevated-temperature design of liquid metal fast breeder reactors (LMFBR) have been consolidated into four volumes to be published in four individual WRC bulletins.

Volume I: Current Status and Future Directions (WRC Bulletin 362)

Volume II: Preliminary Design and Simplified Methods (WRC Bulletin 363)

Volume III: Inelastic Analysis (WRC Bulletin 365)

Volume IV: Special Topics (WRC Bulletin 366)

Volume I presents the current status of the international design codes and structural technology for LMFBR's. Structural components designed by various countries that were found to be successful for long-term elevated-temperature operation are included.

Publication of this bulletin was sponsored by the Committee on Elevated Temperature Design of the Pressure Vessel Research Council. The price of WRC Bulletin 362 is \$45.00 per copy, plus \$5.00 for U.S. and \$10.00 for overseas, postage and handling. Orders should be sent with payment to the Welding Research Council, Room 1301, 345 E. 47th St., New York, NY 10017.