

APR 8 1981

MEMORANDUM FOR: Ray G. Smith, Director, SD
FROM: Guy A. Arlotto, Director, DES, Sd
SUBJECT: WITHDRAWAL OF REGULATORY GUIDES 1.10, 1.15, 1.18, 1.19, 1.55 and 1.103

The following Regulatory Guides were issued to provide guidance to licensees and applicants on the subject of materials, construction, and testing of concrete containments and other safety-related concrete structures.

R.G. 1.10, "Mechanical (Cadmold) Splices in Reinforcing Bars of Category I Concrete Structures"

R.G. 1.15 "Testing Reinforcing Bars for Category I Concrete Structures"

R.G. 1.18 "Structural Acceptance Test for Concrete Primary Reactor Containments"

R.G. 1.19 "Nondestructive Examination of Primary Containment Liner Welds"

R.G. 1.55 "Concrete Placement in Category I Structures"

R.G. 1.103 "Post-tensioned Prestressing Systems for Concrete Reactor Vessels and Containments"

Since the guides were issued, the 1980 edition of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code's Section III, Division 2, "Code for Concrete Reactor Vessels and Containments" has added requirements equivalent to the recommendations of the guides.

The ASME Code positions are also equivalent to those the NRC staff expects to be used on other safety-related concrete structures.

NRC staff recognizes that there are differences between the ASME Code and the regulatory guides listed above. The staff has agreed, however, with these differences as they were developed by the ASME Code. When Revision 2 of Regulatory Guide 1.136 is issued, it will endorse, with possible exceptions or supplementary

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provisions, the ASME Boiler and Pressure Vessel Code, Section III, Division 2, "Code for Concrete Reactor Vessels and Containments," subsections CC-1000, 2000, and 4000-6000. These subsections incorporate topics covered by Regulatory Guides 1.10, 1.15, 1.18, 1.19, 1.55 and 1.103. In view of the foregoing, we have requested that the Program Support Branch initiate procedures to withdraw the subject guides simultaneously with the issuance of Revision 2 of Regulatory Guide 1.136. Withdrawal of these guides is in no way intended to alter any prior or existing licensing commitments based on their use.

Original signed by G. A. Arlotto

Guy A. Arlotto, Director
Division of Engineering Standards, SD

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