



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 14, 2019

MEMORANDUM TO: Brian E. Thomas, Director  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: Thomas H. Boyce, Chief **/RA/**  
Regulatory Guidance and Generic Issues Branch  
Division of Engineering  
Office of Nuclear Regulatory Research

SUBJECT: PERIODIC REVIEW OF REGULATORY GUIDE (RG) 1.81

This memorandum documents the US Nuclear Regulatory Commission (NRC) periodic review of Regulatory Guide (RG) 1.81, Revision 1, "Shared Emergency and Shutdown Electric Systems for Multi-Unit Nuclear Power Plants." The RG, issued in June 1974, with a revision in January 1975, discusses sharing of onsite emergency and shutdown electric systems. As discussed in Management Directive 6.6, "Regulatory Guides," the NRC staff reviews RGs approximately every 10 years to ensure that the RGs continue to provide useful guidance. Documentation of the NRC staff review is enclosed.

Based on the results of the periodic review, the staff concludes that no changes to RG 1.81 Revision 1 are warranted. The staff did not identify any technical or regulatory issues in the review.

Enclosure:  
As stated

CONTACT: Kenn A. Miller, RES/DE/ICEEB  
301-415-2127

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**B. Thomas, RES**

**J. Parks, RES**

**M. Eudy, RES**

**T. Martinez-Navedo, NRR**

**E. Miller, NRR**

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NAME	J. Parks	K. Miller	M. Eudy	M. Eudy	R. Jenkins	T. Boyce
DATE	01/ /19	12/11/18	01/08/19	01/08/19	11/26/18	01/14/19

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