



## Regulatory Effectiveness of the Anticipated Transient Without Scram Rule: Nureg-1780 (Paperback)

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By NRC Staff: United States Nuclear Regulatory Commission

Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The U.S. Nuclear Regulatory Commission's Office of Nuclear Regulatory Research is reviewing selected regulations to determine if the requirements are achieving the desired outcomes. This initiative is part of an evolving program to make NRC activities and decisions more effective, efficient, and realistic. The goal of this evaluation is to determine whether the anticipated transient without scram (ATWS) rule and the recommendations issued with it were effective. The effectiveness of the ATWS rule was determined by comparing regulatory expectations to outcomes. The report concluded that the ATWS rule was effective in reducing ATWS risk and that the cost of implementing the rule was reasonable. However, uncertainties in reactor protection system reliability and mitigative capability may warrant further attention to ensure the expected levels of safety are maintained.



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