

November 25, 2008

MEMORANDUM TO: Brian E. Holian, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

FROM: Sarah Lopas, Project Manager **/RA/**  
Renewal Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

SUBJECT: APPROVAL FOR PUBLICATION OF THE DRAFT SUPPLEMENTAL  
ENVIRONMENTAL IMPACT STATEMENT RELATED TO THE LICENSE  
RENEWAL REVIEW OF THE THREE MILE ISLAND NUCLEAR  
STATION, UNIT 1

The license renewal staff has completed the draft plant-specific Supplement 37 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants (GEIS)," regarding the renewal of operating license DPR-50 for an additional 20 years of operation for Three Mile Island Nuclear Station, Unit 1 (TMI-1). Draft Supplement 37 includes the staff's analysis that considers the environmental impacts of the proposed action (license renewal) at the TMI-1 site, the environmental impacts of alternatives to the proposed action, and mitigation measures available for reducing or avoiding adverse impacts.

The staff concludes that the significance of the potential environmental impacts of license renewal at the TMI-1 site would be SMALL for all site-specific issues, with one finding of SMALL to MODERATE for cumulative impacts to aquatic resources. This conclusion is based on (1) the analysis and findings in the GEIS; (2) the Environmental Report submitted by the applicant; (3) consultation with Federal, State, and local agencies; (4) the staff's independent review; and (5) the staff's consideration of public comments received during the scoping process.

The staff recommends that the Director authorize the publication and distribution of the TMI-1 draft supplement to the GEIS.

Docket No. 50-289

CONTACT: Sarah Lopas, NRR/DLR  
(301) 415-1147

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