## NOTATION VOTE

## RESPONSE SHEET

TO:	John C. Hoyle, Secretary	
FROM:	COMMISSIONER MERRIFIELD	
SUBJECT:	SECY-98-239 - POST-DISPOSAL CRITICALITY RESEARCH	
Approved	Disapproved	Abstain
Not Participating		
COMMENTS:		
	4	Il Many
	SIGNAT	
	DATE	11-1-

DATE

Entered on "AS" Yes \_\_\_\_ No \_\_\_

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## UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 8, 1998

MEMORANDUM TO:

William D. Travers

**Executive Director for Operations** 

FROM:

John C. Hoyle, Secretary

SUBJECT:

STAFF REQUIREMENTS - SECY-98-239 - POST-DISPOSAL

CRITICALITY RESEARCH

The Commission has approved the staff's recommendation of Option 1 which ceases further post-disposal criticality research at low-level waste disposal facilities. The staff should continue development of the guidance on emplacement criticality as directed in the SRM on SECY-98-010. The guidance should also address the need to limit significant quantities of unusual moderators in low-level waste disposal units based on currently available information, as stated in this paper.

As directed in the SRM on SECY-98-010, the staff should also continue to investigate whether emplacement criticality requirements should be an item of compatibility for Agreement States and inform the Commission of its findings.

The staff should consider, to the degree appropriate, the recommendations concerning mitigative factors in the Oak Ridge National Laboratory reports when developing this guidance and when performing license reviews of low-level waste disposal facilities.

CC:

Chairman Jackson

Commissioner Dicus

Commissioner Diaz

Commissioner McGaffigan

Commissioner Merrifield

OGC

CIO

CFO

OCA

OIG

OPA

Office Directors, Regions, ACRS, ACNW, ASLBP (via E-Mail)

PDR

DCS

OUT