MEMO ROUTE SLIP

TO (Name and unit)	INITIALS	REMARKS
R. DeYoung, Chief Containment & Component Tech. Br.	DATE	Please provide assistance in evaluating the following areas of the Metropolitan Edison application (Docket 50-289).
		1.0 Containment Design
		1.1 Is the design of the prestressed containment ade-
TO (Name and unit)	INITIALS	REMARKS
		quate to withstand the design pressure, earthquake and wind loadings?
	DATE	1.2 Will the quality control, testing and surveillance program described by the applicant assure that the structure meets the design criteria?
TO (Name and unit)	INITIALS	REMARKS
		1.3 Please review the containment isolation criteria and system including the steam line isolation valves.
	DATE	1.4 What degree of inspection of liner welds by radiography or other NDT methods should be required as a minimum? What degree of visual inspection should be
FROM (Name and unit)	REMARKS	required on the external containment surface while it
C. G. Long, Chief RPB #3		is at containment design pressure?
		2.0 Components
		2.1 Analyze the use of check valves in the thermal shield to solve the "steam bubble" problem, particularly with regard to
PHONE NO. 7436 / DATE 7-10-67		effects of the valves on normal operation of the plant. Is siphoning possible in case of a low break in the cold leg and

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TO (Name and unit)	INITIALS	REMARKS
R. DeYoung, Chief Containment & Component Tech. Br.	DATE	will the check valves serve as a siphon break?
		2.2 Analyze possible spillage from the accumulators during safety injection.
		2.3 Please provide your comments on the analysis of the effect of cold water injection on the pressure
TO (Name and unit)	INITIALS	REMARKS
		vessel and thermal shield.
	DATE	2.4 Please analyze the proposed thiosulfate spray system from the standpoint of its interaction with the engineered safety systems and review the experimental information which support its effectiveness as an
TO (Name and unit)	INITIALS	REMARKS
		iodine removal system.
	DATE	(Your comments and questions are desired by 7/24/67.)
FROM (Name and unit)	REMARKS	
C. G. Long, Chief RPB #3		
PHONE NO. 7436 / DATE 7-10-67		

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