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 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Interim deficiency rept re changes to control room habitability sys two envelope concept. Single envelope design meets applicable NRC regulations. Changes to appropriate FSAR sections are being prepared.

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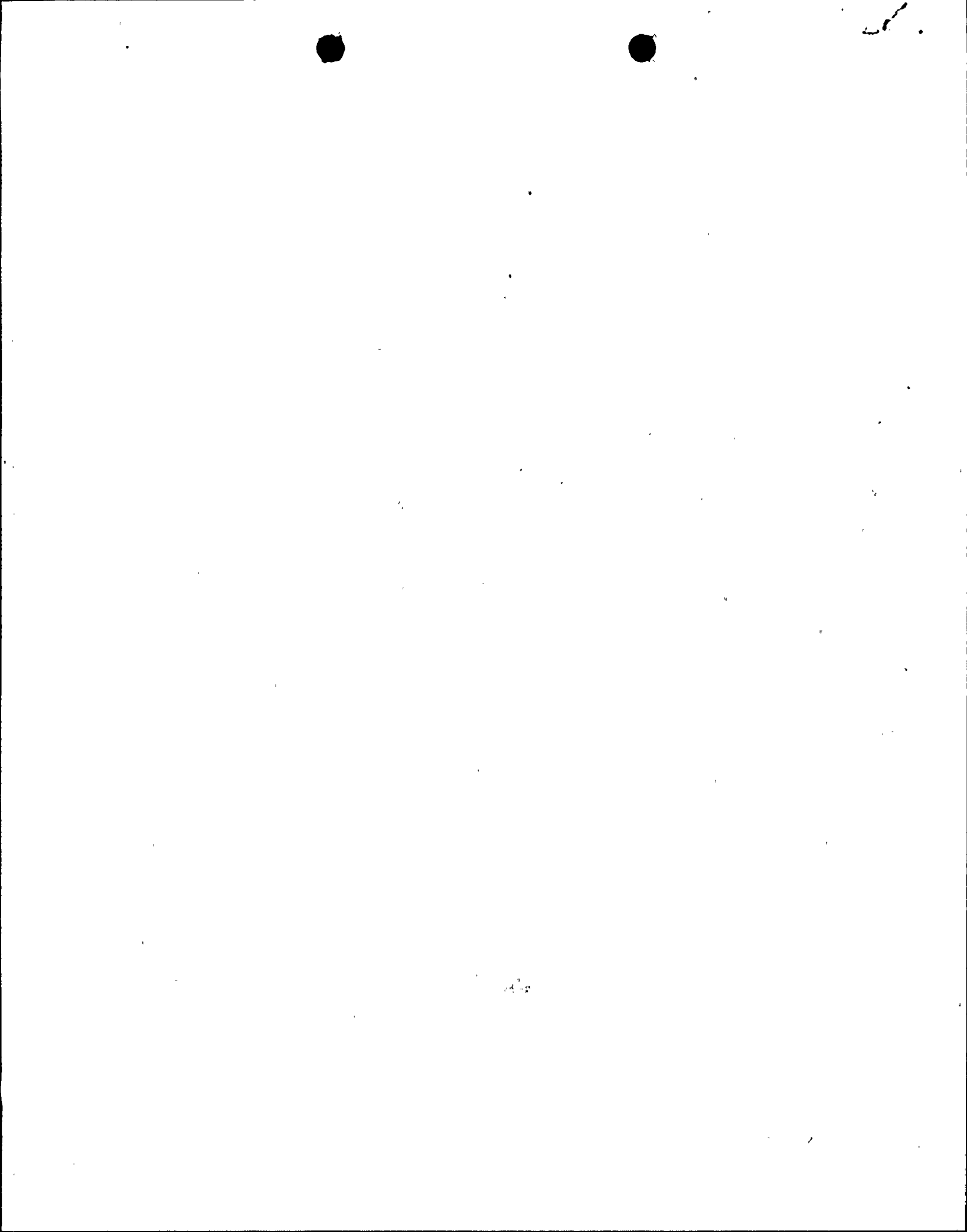
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JUN 25 1981

MAP

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NORMAN W. CURTIS
Vice President-Engineering & Construction-Nuclear
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JUN 15 1981

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
CONTROL ROOM HABITABILITY SYSTEM
ER 100450 FILE 841-2
PLA-839

50-387

Reference - PLA-830, Curtis to Grier dated 6/5/81 (attached)

Dear Mr. Schwencer:

The above referenced document provided an interim report regarding potential reportability, under 10CFR50.55e, of changes to the Control Room habitability system two envelope concept. These changes involve elimination of the dual pressure differential envelope concept to ensure habitability inside the Control Room and Control Structure. In the revised design, cross flow between the Control Room and the Control Structure has no significance since both are included in the same envelope.

Current evaluations of the Control Structure habitability system including recalculations of Control Room, Technical Support Center (TSC) and Operations Support Center (OSC) radiation doses, indicate that this single envelope design meets applicable NRC regulations. Consequently, changes to FSAR sections on Control Room habitability systems are being prepared for submittal to the NRC.

Very truly yours,

NW Curtis

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

TEG/mks

Attachment

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