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 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Forwards addl info requested following 950511 meeting w/NRC
 re unresolved items from util 1993 sys based I&C insp repts
 50-315/93-12 & 50-316/93-12.

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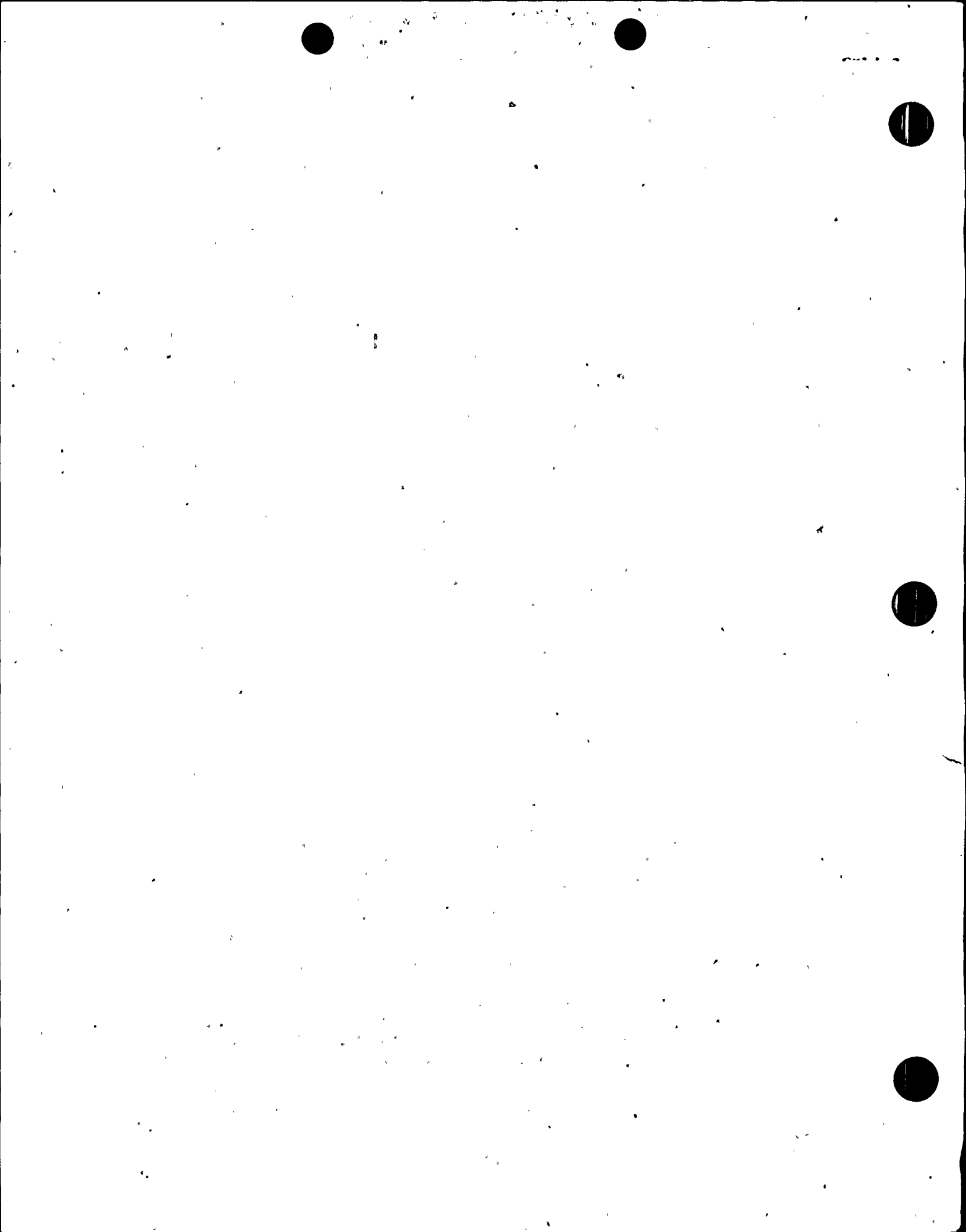
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July 7, 1995

AEP:NRC:1184H2

Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2
REQUEST FOR ADDITIONAL INFORMATION, SBICI INSPECTION
(50-315/316-93012)

On May 11, 1995, a meeting was held with NRC NRR and Region III personnel at Cook Nuclear Plant to discuss unresolved items from our 1993 System Based Instrumentation and Control Inspection (SBICI). Following the meeting, we were asked to submit additional information to the NRC. The information requested is described in Attachment 1 and is provided in the subsequent attachments.

Sincerely,

E. E. Fitzpatrick
Vice President

plt

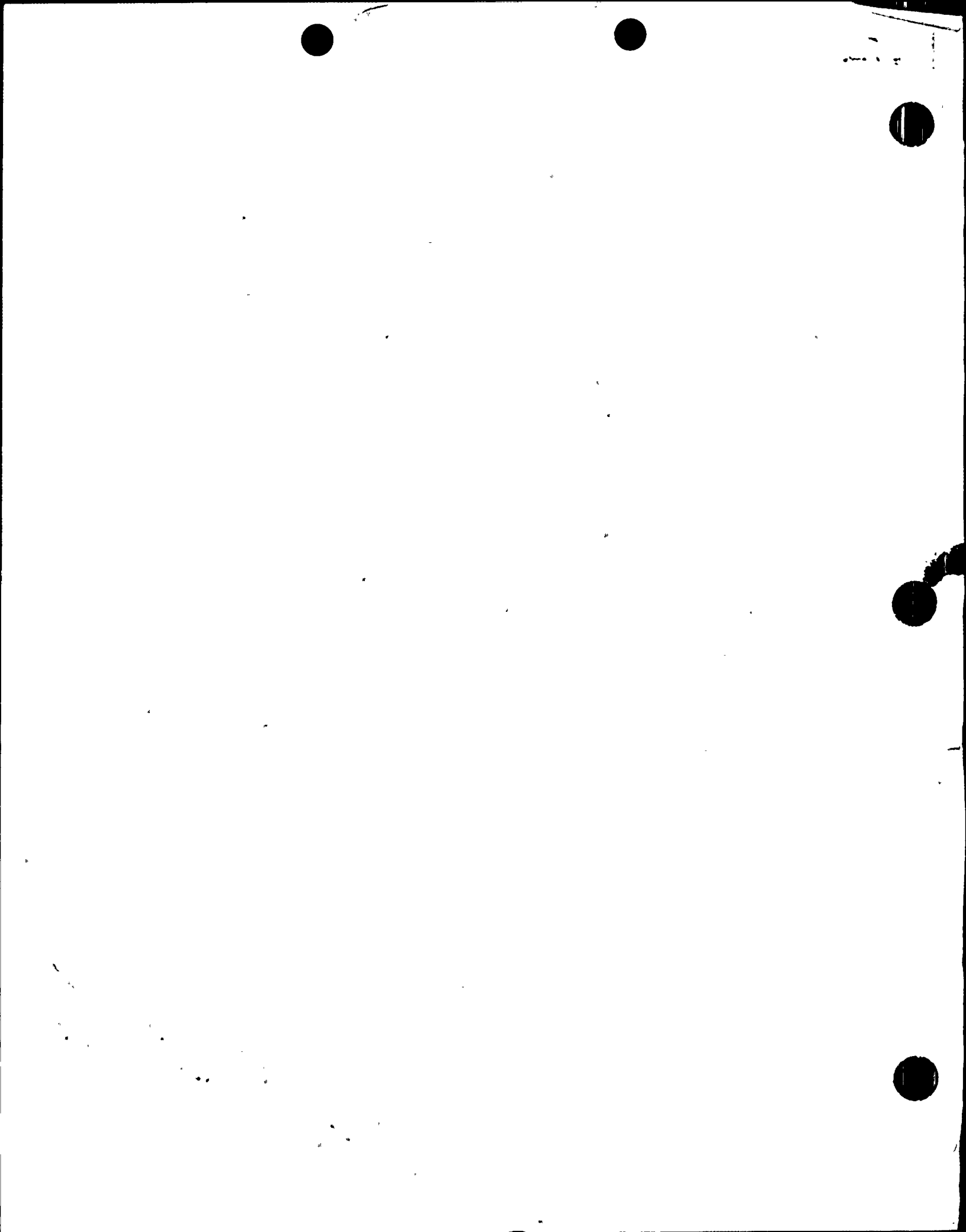
Attachments:

cc: A. A. Blind
G. Charnoff
J. B. Martin
NFEM Section Chief
NRC Resident Inspector - Bridgman
J. R. Padgett

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ATTACHMENT 1 TO AEP:NRC:1184H2

DESCRIPTION OF REQUEST FOR ADDITIONAL INFORMATION
SBICI INSPECTION

.9507180130

Item 1: Provide a copy of WCAP-13801.

Response: The requested WCAP is provided in Attachment 2. Because the document is considered proprietary to Westinghouse, Attachment 2 also contains an affidavit for withholding the document from public disclosure. As discussed with the NRC staff on May 11, a non-proprietary version of the document is not available at this time. A non-proprietary version can be prepared if required by the NRC.

Item 2: Provide a discussion on the exclusion of environmental allowances (pressure, temperature, seismic) for those functional units/loops considered as back-up or secondary.

Response: The requested discussion is contained in Attachment 3.

Item 3: Discuss the need to include environmental allowances due to a harsh environment (including cable resistance effects) for the main steam flow/feedwater flow mismatch trip channels.

Response: The referenced trip is not a primary trip. The issue of environmental allowances for backup trips is addressed in the response to Item 2, in Attachment 3.

Item 4: Discuss the use of containment pressure to detect a steam line break inside containment rather than steam line flow high and its conformance to IEEE 279-1968.

Response: The requested discussion is contained in Attachment 4.

Item 5: Provide an evaluation, including equipment qualification test results, that confirms that the condensate storage tank level instrumentation will continue to perform within the required accuracy following a seismic event.

Response: The requested evaluation is contained in Attachment 5.

Item 6: A) Discuss the lack of an environmental allowance for cable and transmitters located outside containment. It is noted that for post accident monitoring and emergency response guidelines an environmental allowance is included for instruments and cable associated with harsh environments inside containment only. In addition, B) provide an analysis to show the acceptability of not including cable degradation error in the RWST level instrumentation due to routing in a harsh environment.

Response: A) The requested discussion is provided in Attachment 6.

B) A copy of our calculation ECP 1-RPC-09 (RWST Level) was provided to the NRC during the visit on May 11, 1995. This calculation included the effect of insulation resistance degradation, and demonstrated that the effect of insulation resistance degradation due to the harsh environment was insignificant.

Item 7: Provide a copy of WCAP 7306.

Response: The requested WCAP is provided in Attachment 7. The WCAP is non-proprietary.

Item 8: Provide a copy of the "Defense-in-Depth" evaluation performed for the Reactor Protection and Control Process Instrumentation Replacement Project.

Response: The requested evaluation is provided in Attachment 8.

ATTACHMENT 2 TO AEP:NRC:1184H2 .

RESPONSE TO ITEM 1

WCAP 13801 AND AFFIDAVIT
FOR WITHHOLDING FROM
PUBLIC DISCLOSURE