Leroy Olshan

For Gus Lainas
NRR
27492

From Roy Woods
I&E

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

OCT 28 1980

Docket No. 50-247

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MEMORANDUM FOR: E. J. Brunner, Chief, RO&NSB, RI
R. C. Lewis, Acting Chief, RO&NSB, RII
R. F. Heishman, Chief, RO&NSB, RIII
G. L. Madsen, Chief, RO&NSB, RIV
J. L. Crews, Chief, RO&NSB, RV

FROM: E. L. Jordan, Assistant Director for Technical Programs, Division of Reactor Operations Inspection, IE

SUBJECT: QUESTIONNAIRE FOR DETERMINING SUSCEPTIBILITY OF OTHER REACTORS TO INDIAN POINT NO. 2 TYPE OF FLOODING EVENTS. INSTRUCTIONS FOR COMPLETION OF QUESTIONNAIRE

One completed questionnaire should be provided for each NTOL and each licensed plant by November 7, 1980 from the available regional person or resident inspector whose experience will allow the most complete response. No more than two person-hours should be spent in collecting answers and responding to the questionnaire for one plant. The objective is to quickly assess the best collective judgment available within the NRC staff regarding the extent throughout all domestic plants of the type of problems recently experienced at Indian Point Unit 2. The responses will allow us to more quickly issue a "smart" Bulletin emphasizing appropriate corrective action, rather than a series of Bulletins first collecting information and then specifying more detailed corrective actions.

E L Jordan

Edward L. Jordan, Assistant Director
for Technical Programs
Division of Reactor Operations Inspection

Enclosure: Questionnaire

CONTACT: H. W. Woods, IE
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QUESTIONNAIRE: PLANT NAME _____

1. Are water levels in both the normally utilized collection sump and the volume below the reactor vessel ("reactor cavity") monitored with audible alarms in the control room for high level? Collection Sump yes ___ no ___ Reactor Cavity yes ___ no ___

2. If answers to No. 1 are "yes", is there redundancy for these level instruments in each location? yes ___ no ___

3. Are there indications in the control room, other than sump level changes, that the containment sump pumps are running? yes ___ no ___

For questions 4 and 5, if answers to 1 and 2 are both "yes", or if answers to 1 and 3 are both "yes", then exclude from your responses to No. 4 and No. 5 systems whose cooling water supply is normally isolated by a containment isolation signal (i.e., flooding during normal operation from those systems is preventable by early, reliable detection of the leak and we will not be further concerned with those systems).

4. Are there systems which utilize cooling water inside containment where the cooling water is supplied by an open as opposed to a closed system? yes ___ no ___

(Closed system - utilizes a fixed, monitored volume such that leakage from the system could be detected from inventory decrease by the reactor operators.

Open system - utilizes an indefinite volume, such as a river, so that leakage from the system could not be detected by inventory decrease by the reactor operators and so that a direct pathway would exist to outside containment in the event of a LOCA simultaneous with a system leak inside containment.)

5. If answer to No. 4 is "yes", to the best of your knowledge what is the general history, in total significant leaks inside containment per year from all of these systems combined?

_____ significant total leaks per year inside containment

("Significant leak" is one of magnitude large enough to cause reasonable possibility of damage to safety related equipment within containment.)