

REGULATORY DOCKET FILE COPY

T/C

SEP 11 1980

Docket Nos. 50-295/304
50-247/286

MEMORANDUM FOR: T. M. Novak, Assistant Director for Operating Reactors, DL
FROM: M. L. Ernst, Assistant Director for Technology, DST
SUBJECT: REVIEW OF ZION/INDIAN POINT RISK STUDIES

The review of the Zion/Indian Point Risk Study has been proceeding on two separate tracks, namely, a preliminary assessment of the OPS report and a detailed review of the future Pickard, Lowe, and Garrick study. As indicated in our July 2, 1980 memo (Mattson to Eisenhut), the preliminary assessment of the risk profile for the Indian Point plants is essentially the work performed by PAS in the Task Force report, SECY-80-283, as supplemented by additional documentation being prepared by PAS which will not be completed until October. The assessment of the Zion risk profile will be a combination of a Brookhaven evaluation of the dominant accident sequences (reflecting unique Zion features) and containment failure and consequence analyses performed by the Reactor Systems Branch. This preliminary assessment is based primarily on past experience on other studies with only a superficial review of the actual plant design aimed at identifying major differences between the Zion plant and Surry. It will be patterned to a large extent on the methodology used to develop SECY-80-283. An outline of our preliminary assessment report is presented in Enclosure 1, and a draft should be completed in early November.

In June, the ZIP risk study managers indicated that substantial information on the PLG detailed study would be available by this time with input starting in July; however, their original schedule has slipped badly and the current estimate for any input from them is early October and a final report in early 1981. In the interim, we have contracted with Sandia Laboratory to perform a detailed review of PLG study when available. We have arranged for Zion and Indian Point plant information to be sent to Sandia to aid in their review. Because of the delay in the PLG report, our evaluation will probably not be completed until June 1981. An outline of the final evaluation is presented in Enclosure 2.

Contact: Sandy Israel, NRR
49-29405

OFFICE →					
SURNAME →					
DATE →					

8009180144

P

Both of the above represent substantial slips in previously established schedules, due principally to lack of timely documentation of other work important to these reviews.

Original signed by Malcolm L Ernst
Malcolm L. Ernst, Assistant Director
for Technology
Division of Safety Technology

Enclosures:
As Stated

cc: H. Denton
E. Case
D. Ross
D. Eisenhut
F. Schroeder
T. Speis
S. Varga
A. Thadani
S. Israel
L. Olshan

Distribution:
Docket Files (4)
RRAB r/f
MLE nst
Israel chron

OFFICE →	DST:RRABSI	DST:RRABSI	DST:AD/T		
SURNAME →	SIIsrael:cj	ACThadani	MLErnst		
DATE →	09/10/80	09/10/80	09/10/80		