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MEMO FOR: RECORD

SUBJECT: Skagit River Levee Study, Nookachamps/Clear Lake Area

From the field trip of 29-30 January 1979, I found that concerned residents in the Nookachamps/Clear Lake area have a gross misunderstanding pertaining to the effect of the proposed levee project on Skagit River flood stages. The misunderstanding or misinformation is that all flood stages will be about 2 feet higher with the proposed project. Since further trips to the area and direct dealings with the locals are anticipated, we should be prepared to respond to their questions and provide them with more accurate information. The following data summarizes hydraulic impacts of the project on the Nookachamps/Clear Lake area.

- a. The project would have no affect on water levels of flood events equal to or less than that which occurred in December 1975.
- b. Should another flood equal in magnitude to the one in February 1951 recur with the proposed project, the Nookachamps/Clear Lake area may experience about 1/2-foot higher water levels.
- c. The proposed project is estimated to induce about 1-1/2-foot higher flood stages to the hypothetical 50-year and 100-year floods.
- d. Flood stages of the hypothetical 500-year flood are expected to be increased by less than 1 foot.

cc:
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