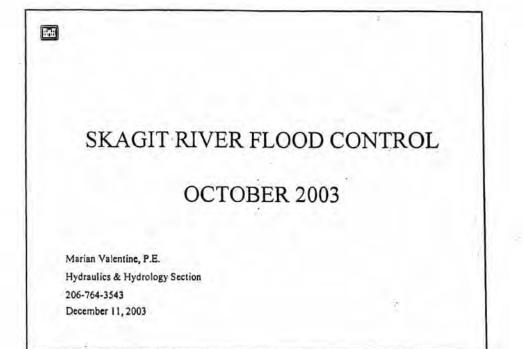
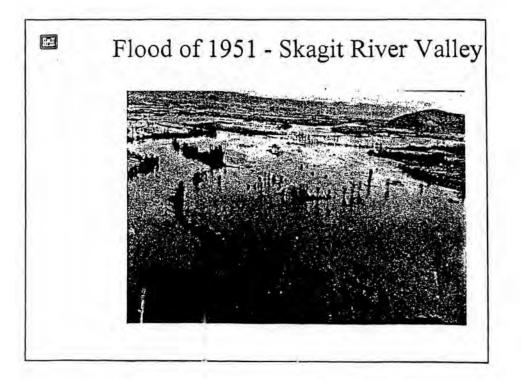
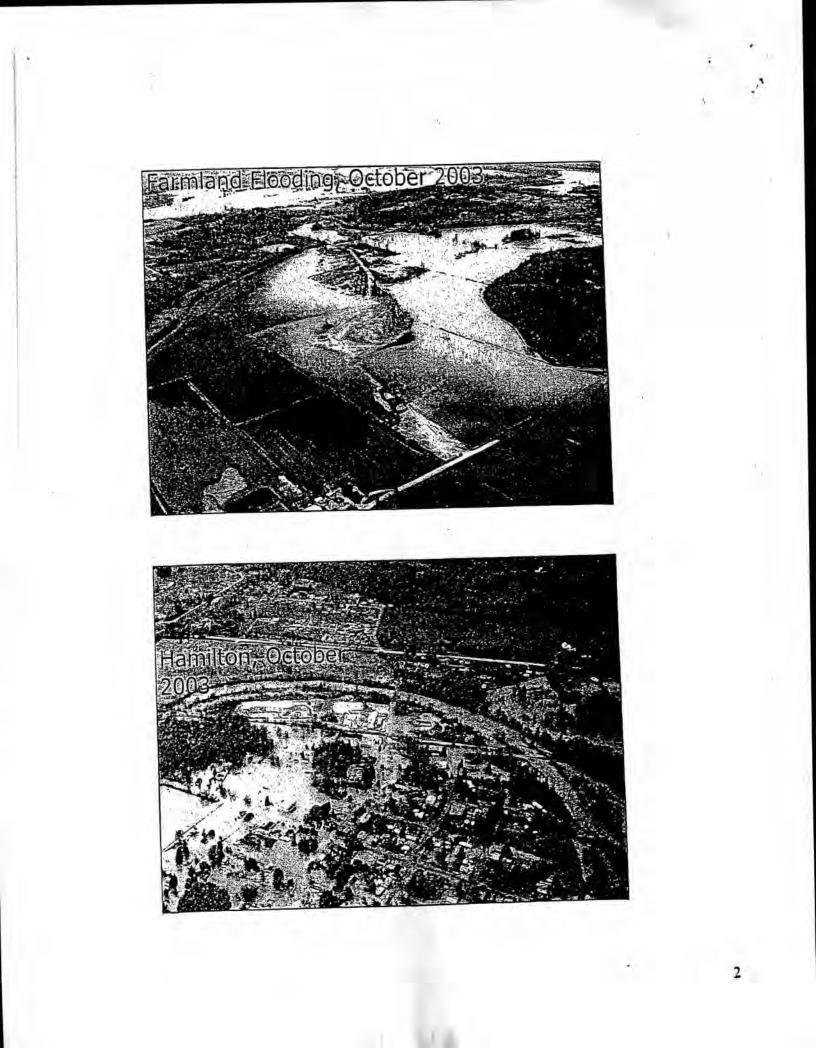
## **ATTACHMENT 11**

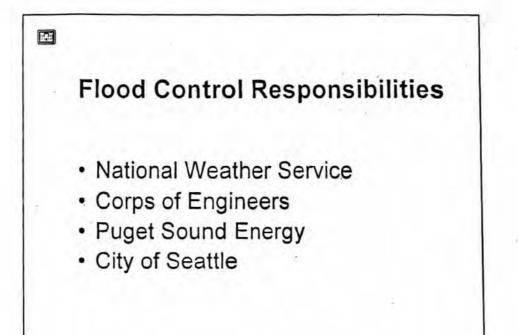
## October 2003 Skagit River Flood Control PowerPoint presentation

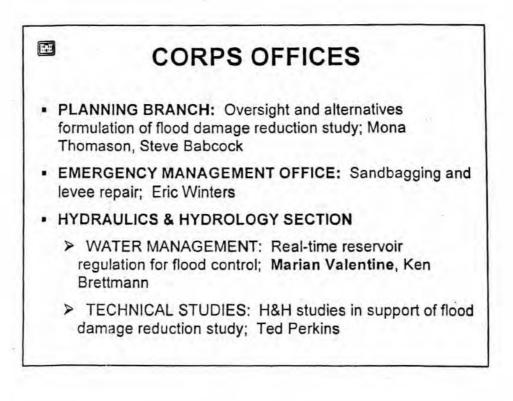
Prepared by Marian Valentine, P.E., Corps, and presented to Burlington City Council on December 11, 2003.

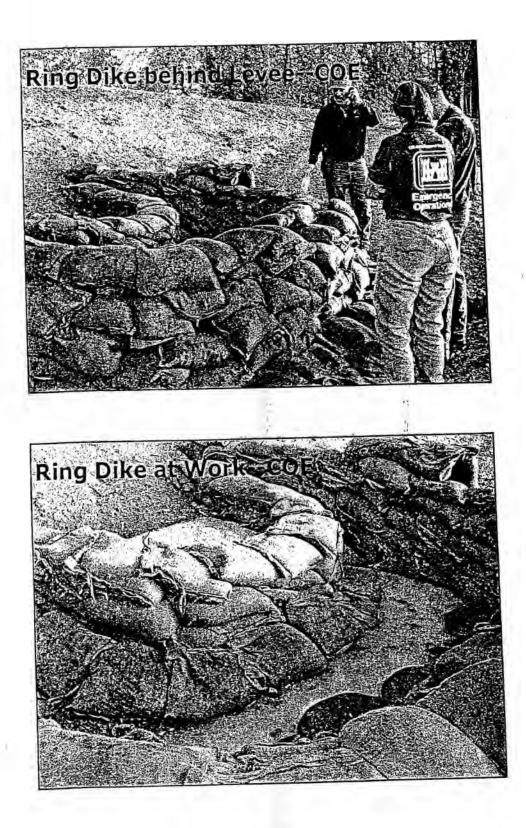




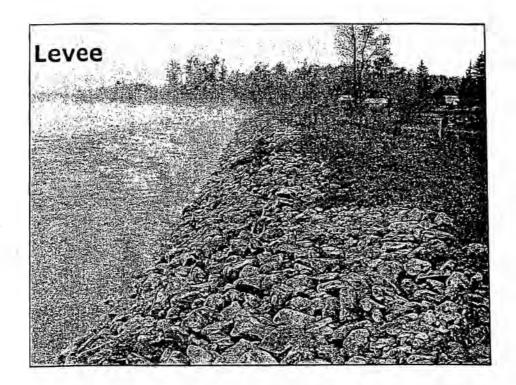


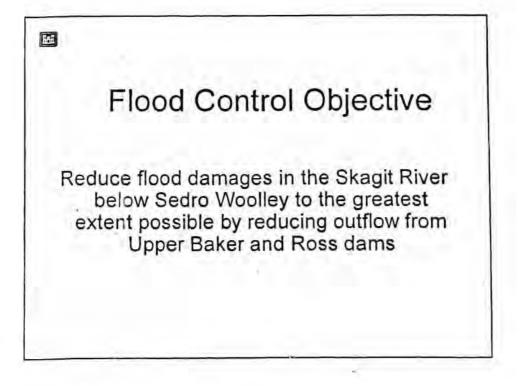


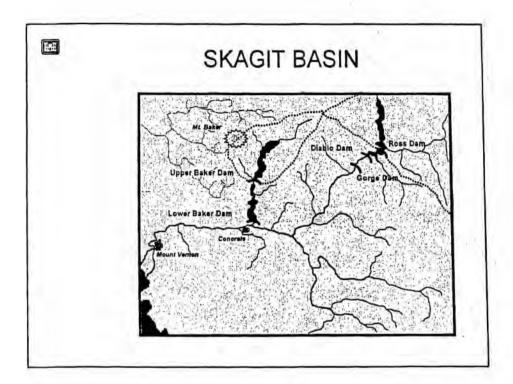


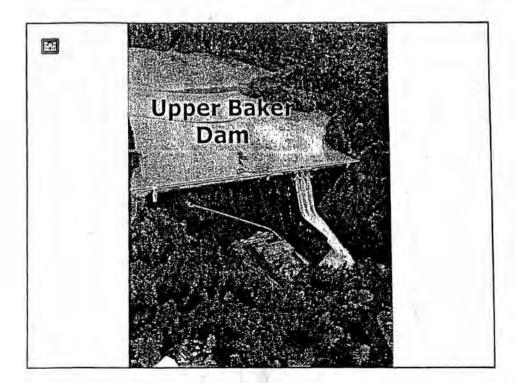


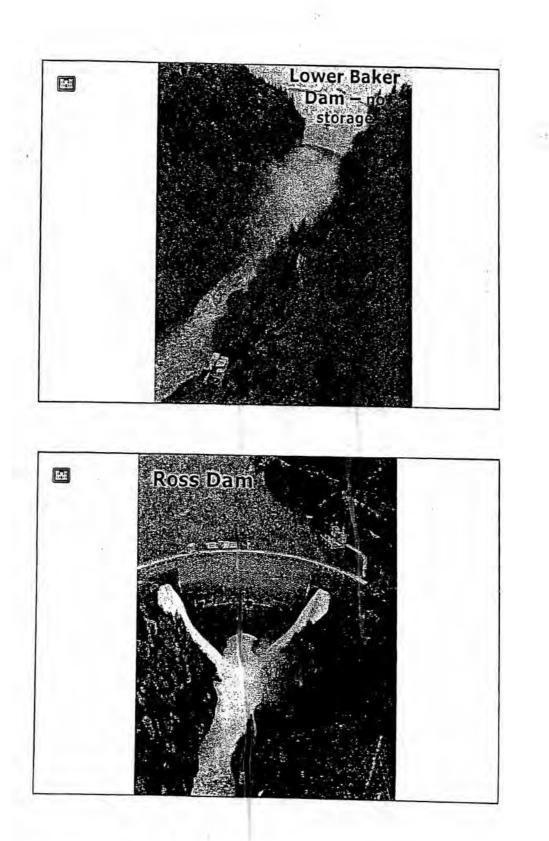
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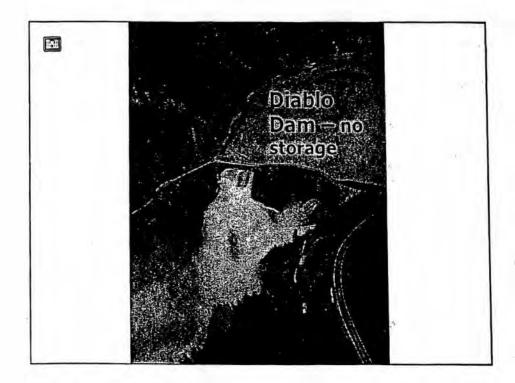




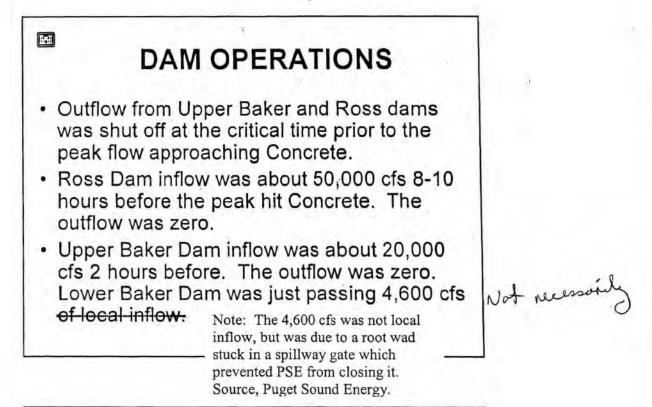
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1. Ale and the second s	Auth	norize	ed Flo	od
	Control Storage			
-	Flood Co	ontrol Sto	orage in ac	re-feet
	20 Oct	1 Nov	15 Nov	1 Dec
Upper Baker	12,000	16,000	74,000	74,000
Ross Dam	27,000	43,000	60,000	120,000
Total	39,000	59,000	134,000	194,000
	2	0% on	20 Oct	



**En** 

•The dams control about 40% of the basin.

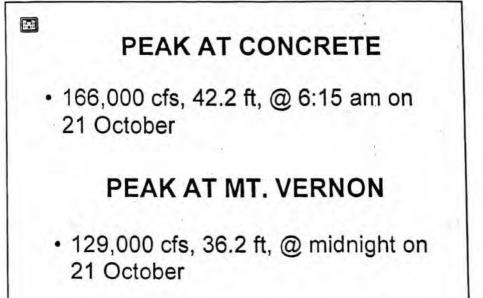
•About 60% of the basin is uncontrolled.

•The Sauk River alone contributed over 100,000 cfs to the peak at Concrete.

•The Cascade River contributed about 25 – 30,000 cfs.

•Uncontrolled flow into Gorge and Diablo reservoirs contributed 25 – 30,000 cfs.

No FC



## WHAT IF.....

Only the authorized amount of flood control space had been available in the dams.

This storm had been preceded by a normal summer/fall, rather than a drought.

## THEN .....

H....

- The dams would have filled close to the top early in the storm.
- Flooding would have been nearly as bad as if the dams had not been there at all.
- The peak stage of the Skagit River at Concrete would have about 5 feet higher.
- The peak stage at Mt. Vernon would have been about 4.5 feet higher, if sandbags were raised all along the river. The river would be only about 2.5 feet higher with an average amount of levee failure.