

# WATER DISTRICT NO. 65

102 N. Main St.  
Payette, Idaho 83661  
Phone (208) 642-4465  
Fax (208) 642-1042

August 25, 1995

Water District Meeting Concerning the Horseshoe Bend Hydropower Plant Operations

**\*\*\*AGENDA\*\*\***

**1. Problems with river flows on Tuesday, August 1:**

Black Canyon Dam operators experienced a disturbance in flows from 7:00 a.m. to 5:00 p.m. The following data was registered on the Hydromet at Black Canyon Dam:

7:00 a.m.	1026.66 cfs	12:00 noon	838.29 cfs
8:00 a.m.	972.48 cfs	1:00 p.m.	892.08 cfs
9:00 a.m.	963.56 cfs	2:00 p.m.	912.59 cfs
10:00 a.m.	912.59 cfs	3:00 p.m.	919.47 cfs
11:00 a.m.	831.66 cfs	4:00 p.m.	912.59 cfs
		5:00 p.m.	1008.47 cfs

**2. Problems with river flows on Wednesday, August 16:**

Black Canyon Dam operators experienced a disturbance in flows from 3:00 p.m. to 11:00 p.m. The following data was registered on the Hydromet at Black Canyon Dam:

3:00 p.m.	811.89 cfs	10:00 p.m.	972.48 cfs
3:30 p.m.	772.93 cfs	10:15 p.m.	1017.54 cfs
7:30 p.m.	734.74 cfs	10:45 p.m.	990.41 cfs
8:00 p.m.	709.70 cfs	11:00 p.m.	954.68 cfs
9:00 p.m.	885.28 cfs	11:30 p.m.	912.59 cfs

**3. Problems with river flows on Sunday, August 20:**

Black Canyon Dam operators experienced a disturbance in flows from 12:00 noon to 11:45 p.m. The following data was registered on the Hydromet at Black Canyon Dam:

12:00 noon	858.30 cfs	5:30 p.m.	858.30 cfs
12:30 p.m.	798.82 cfs	6:45 p.m.	919.47 cfs
1:00 p.m.	772.93 cfs	8:00 p.m.	972.48 cfs
1:30 p.m.	709.70 cfs	8:30 p.m.	990.41 cfs
1:45 p.m.	660.67 cfs	9:00 p.m.	1017.54 cfs
2:00 p.m.	549.90 cfs	9:30 p.m.	1044.97 cfs
2:30 p.m.	511.14 cfs	10:00 p.m.	1054.18 cfs
4:30 p.m.	516.61 cfs	11:30 p.m.	928.22 cfs
5:00 p.m.	734.74 cfs	11:45 p.m.	912.59 cfs

Meanwhile, the Black Canyon reservoir levels during the above times were as follows:

12:00 noon	2497.49	4:30 p.m.	2497.47
12:30 p.m.	2497.49	5:00 p.m.	2497.49
1:00 p.m.	2497.47	5:30 p.m.	2497.51
1:30 p.m.	2497.44	6:45 p.m.	2497.53
1:45 p.m.	2497.43	8:00 p.m.	2497.54
2:00 p.m.	2497.43	8:30 p.m.	2497.54
2:30 p.m.	2497.42	9:00 p.m.	2497.54

4. Possible solutions to disruptions in river flows caused by the Horseshoe Bend Hydro-power Plant:

- A. When flows are to be shut off to the canal of the Hydro Plant, operating procedures could be amended to let water out of the canal until flows increase sufficiently in the river beside the plant. This would maintain consistent flows in the river downstream.
- B. Simply not allow flows from the canal at the Plant to be cut. This would maintain flows in the river, but not allow Plant personnel to adapt to an emergency in the canal. If the generators go off-line, however, flows should bypass through the canal to the river.
- C. Any other solutions proposed today.