

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- 15 IHR 007 – spill gate 8 breaker problem
COORDINATION DATE- April 13, 2015
PROJECT- Ice Harbor Dam
RESPONSE DATE- April 13, 2015

Description of the problem

Spill gate 8 electrical breakers keeps tripping, requiring resetting to operate the gate. Spill gate 8 needs to be closed so electricians can diagnose the problem and make the needed repairs. The breaker will need to be replaced.

Type of outage required

Spill gate 8 will be shut today, April 13, probably for several hours. As long as repairs start by early afternoon, spill gate 8 is expected to return to service by 1700 today.

Impact on facility operation

Spill gate 7 will be opened to accommodate the number of stops that spill gate 8 would normally be open for the 30% spill pattern. The project is currently spilling about 13.7 kcfs, with spill gate 8 open 1 stop, as shown in 2015 Fish Passage Plan Table IHR-9 below. Spill gate 8 will be closed and spill gate 7 will be open 1 stop in its place. In the event that river flow increases while repairs are occurring, the spill pattern at the higher flows would need to be modified as coordinated through FPOM.

Table IHR-9. Ice Harbor Dam Spill Patterns with RSW for 30% Spill.

Total Outflow (kcfs)	Total Spill (kcfs)	IHR Spill Patterns – 30% Spill (# Gate)										Total Stops (#)		
		1	2	3	4	5	6	7	8	9	10			
28.0	8.4		RSW											0
33.7	10.1		RSW										1	1
39.3	11.8		RSW								1	1		2
45.0	13.5		RSW						1	1	1	1		3
50.7	15.2		RSW					1	1	1	1	1		4
56.3	16.9		RSW				1	1	1	1	1	1		5
62.0	18.6		RSW	5									1	6
67.7	20.3		RSW	5							1	1		7
73.3	22.0		RSW	5					1	1	1	1		8
79.0	23.7		RSW	5				1	1	1	1	1		9
84.7	25.4		RSW	5			1	1	1	1	1	1		10
90.3	27.1		RSW	5		5							1	11
96.0	28.8		RSW	5		5					1	1	1	12
101.7	30.5		RSW	5		5			1	1	1	1		13
107.3	32.2		RSW	5		5			1	1	2			14

Dates of impacts/repairs

April 13, 2015.

Length of time for repairs

Until 1700 today.

Expected impacts on fish passage

Minimal, as only 1 stop (~ 1.7 kcfs) of spill will need to be redistributed in the spill pattern. The RSW will be operating as normally for fish passage.

Comments from agencies**Final results**

Please email or call with questions or concerns.

Thank you,

Ken Fone

IHR

503-543-3208