

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

COORDINATION TITLE- *13 IHR 04* Return to Service testing unit #2

COORDINATION DATE- 28 March 2013

PROJECT- Ice Harbor Dam

RESPONSE DATE- Responses are requested ASAP

Description of the problem

Main Unit #2 was taken out of service on 17 January 2013 when Ice Harbor Dam lost power to the entire powerhouse. During the event the unit did not trip and it became a motor and damage was done to the exciter. Maintenance was performed on the exciter and the unit was returned to service on 27 March 2013. The project is requesting to run the unit for 10 hours out of priority to provide burn in for the electronics and repairs that had been performed on the exciter.

Type of outage required

Ice Harbor is requesting to run Main Unit #2 up in priority for 10 hours to perform burn in on exciter components that were replaced during maintenance.

Impact on facility operation

Unit #2 will be operated for 10 hours out of unit priority behind Main Unit #1. The current main unit priority is 1,3,6,4,2,5 and the proposed main unit priority just for testing is 1,2,3,6,4,5

Dates of impacts/repairs

On 28 March 2013 Main Unit # 2 will be ran for 10 hours out of Main Unit priority.

Length of time for repairs

One day only. 10 hours.

Expected impacts on fish passage:

Current FPP unit priority at Ice Harbor dam during fish passage season is 1,3,6,4,2,5. With the change to bring unit 2 may increase in the development eddying in the tailrace. Currently fish counts are in progress at Ice Harbor Dam. Only steelhead are passing the operating project at this time. The chart below will display daily counts.

Monthly Adult Fish Counts U.S. Army Corps of Engineers
 Ice Harbor - March 2013 Portland District

[csv format](#)

Date	All Chinook	Adult Chinook	Jack Chinook	All Steelhead	Clipped Steelhead	Unclipped Steelhead	All Coho	Adult Coho	Jack Coho	Sockeye	Chum	Pink
3/1/2013	0	0	0	22	15	7	0	0	0	0	0	0
3/3/2013	0	0	0	29	16	13	0	0	0	0	0	0
3/4/2013	0	0	0	39	22	17	0	0	0	0	0	0
3/5/2013	0	0	0	47	31	16	0	0	0	0	0	0
3/6/2013	1	1	0	62	42	20	0	0	0	0	0	0
3/7/2013	0	0	0	70	58	12	0	0	0	0	0	0
3/8/2013	0	0	0	56	40	16	0	0	0	0	0	0
3/9/2013	0	0	0	45	28	17	0	0	0	0	0	0
3/10/2013	0	0	0	43	30	13	0	0	0	0	0	0
3/11/2013	0	0	0	42	31	11	0	0	0	0	0	0
3/12/2013	0	0	0	44	33	11	0	0	0	0	0	0
3/13/2013	0	0	0	45	37	8	0	0	0	0	0	0
3/14/2013	0	0	0	66	57	9	0	0	0	0	0	0
3/15/2013	0	0	0	40	31	9	0	0	0	0	0	0
3/16/2013	0	0	0	58	47	11	0	0	0	0	0	0
3/17/2013	0	0	0	71	55	16	0	0	0	0	0	0
3/18/2013	0	0	0	69	56	13	0	0	0	0	0	0
3/19/2013	0	0	0	86	70	16	0	0	0	0	0	0
3/20/2013	0	0	0	72	52	20	0	0	0	0	0	0
3/21/2013	0	0	0	55	39	16	0	0	0	0	0	0
3/22/2013	0	0	0	58	38	20	0	0	0	0	0	0
3/23/2013	0	0	0	42	27	15	0	0	0	0	0	0
3/24/2013	0	0	0	72	52	20	0	0	0	0	0	0
3/25/2013	1	1	0	33	24	9	0	0	0	0	0	0
3/26/2013	2	2	0	59	44	15	0	0	0	0	0	0
totals	4	4	0	1325	975	350	0	0	0	0	0	0
Date	All Chinook	Adult Chinook	Jack Chinook	All Steelhead	Clipped Steelhead	Unclipped Steelhead	All Coho	Adult Coho	Jack Coho	Sockeye	Chum	Pink

Ice Harbor would like complete this final running test of unit 2 soon to minimize the effects on fish passage. As noted in the chart adult fish passage is low at this time of the year.

Comments from agencies

From: Kiefer,Russell [mailto:russ.kiefer@idfg.idaho.gov]
Sent: Thursday, March 28, 2013 8:42 AM
To: Moody, Gregory P NWW
Subject: RE: Ice Harbor Unit #2 return to service testing (UNCLASSIFIED)

No objections.
 Prefer to start around 09:00.

Russ

From: Trevor Conder - NOAA Federal [mailto:trevor.conder@noaa.gov]
Sent: Monday, April 01, 2013 9:31 AM
To: Moody, Gregory P NWW
Cc: Bill Hevlin - NOAA Federal; Ritchie Graves - NOAA Federal
Subject: Re: Ice Harbor Unit #2 return to service testing (UNCLASSIFIED)

Greg,

We don't see a major problem running unit two as priority for a day, as adults should be able to find the south shore entrance. Thanks for the coordination.

-Trevor

Final results

Unit 2 was run out of priority on March 28th, 2013, from 1855 hours to 2200 hours, for the testing.

Thank you,

Greg Moody
509-527-7124