



IDAHO FALLS POWER STAFF - POLICY

POLICY NUMBER & SUBJECT: 155 Duck Race Procedure

SECTION APPLICABILITY: Generation Dispatch

LATEST AMENDMENT DATE: 8/13/24

I. Purpose of the Procedure

To provide guidance and document the historic actions that facilitate the Idaho Falls Rotary Duck Race.

II. Procedure Statement

Annually the Idaho Falls Rotary holds a duck race in early August, which is a significant community event.

Due to changes in the organizers of the duck race and intermittent nature of when an IFP dispatcher needs to assist this procedure will assist in documenting the actions for IFP.

This river operation is dependent on wind and river conditions. It is a balance between adequate flows to move the ducks down the river, without exceeding the flow capacity of the duck recover booms.

III. Procedure

1. During the month of July, an IFP employee will coordinate with the Idaho Falls Rotary Club to establish a single point of contact for river operations as related to the duck race.

If there are concerns with the communication between IFP Dispatch and the Rotary Club, the Dispatcher can request the assistance of a mechanic to be on-site at the west bank gate.

- a. In the event remote operation of the gate does not work, the manual operation at the gate site is considered a Confined Space and will require appropriate permit and two qualified employees to operate.
2. At a coordinated time, approximately 1-hour prior to dumping the ducks, the operator will drop the west bank gate to 90% to get water moving on side river channel.
3. At a coordinated time, approximately ½ hour prior to dumping the ducks, the operator will increase the west bank gate position to between 85-65%

depending on the river flows, wind direction and wind flows. Before opening gate, ensure the duck collection boom, below the gate is secured on both ends.

IV. Rotary Actions

Following are the actions that Rotary has historically taken responsibility for and for which IFP need to safely assist in the duck race.

1. Provide a single point of contact for dispatch during the race.
2. Install all booms in a manner that facilitate the race will in advance of the race.

V. Historical Settings

1. Historical gate position for minimum adequate flow = 85% with high natural river flows and no upstream wind.

Historical gate position for maximum flow = 65% with low river flows and strong upstream winds.

Historical Westbank Gate Position for Duck Race:

Shelly Guage			
Year	Gate %	CFS	Notes
2017	65	4400	
2018	45	5700	
2019	80	4300	
2022	85	5700	
2023	95	4260	Very slow ducks - strong upstream wind blowing
2024	85	4500	Downstream wind blowing - Good duck speed
2025	85/90	6825	High Flows - ducks moved extremely fast
2026			

V. Reason for the most recent procedure change.

Revision	Date	Action	Name of Editor
0	9/18/23	1. Procedure Created	Boorman
1	8/13/24	2. Updates base on 2024 experience	sjb