

BLIND SLOUGH HYDRO OWNER'S DAM SAFETY PLAN AND EMERGENCY ACTION PLAN

Presentation to Petersburg Borough Assembly
December 15, 2025

- ▶ Federal Energy Regulatory Commission License Requirements – Safety plans
- ▶ Owner's Dam Safety Plan
- ▶ Emergency Action Plan

AGENDA

FERC LICENSE REQUIREMENTS FOR SAFETY

- ▶ Public Safety Plan
 - ▶ Dam Safety, Surveillance and Monitoring Plan
 - ▶ Owner's Dam Safety Plan
 - ▶ Emergency Action Plan
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CRYSTAL LAKE OWNER'S DAM SAFETY PLAN

STATEMENT OF PURPOSE

- ▶ This plan recognizes the special responsibility that all owners must operate their dams in a safe manner.
- ▶ Crystal Lake Dam is a High Hazard Dam due to potential for loss of life and damage to structures at the Crystal Lake Hatchery and USFS Blind Slough picnic area if a failure were to occur.

PROJECT DESCRIPTION









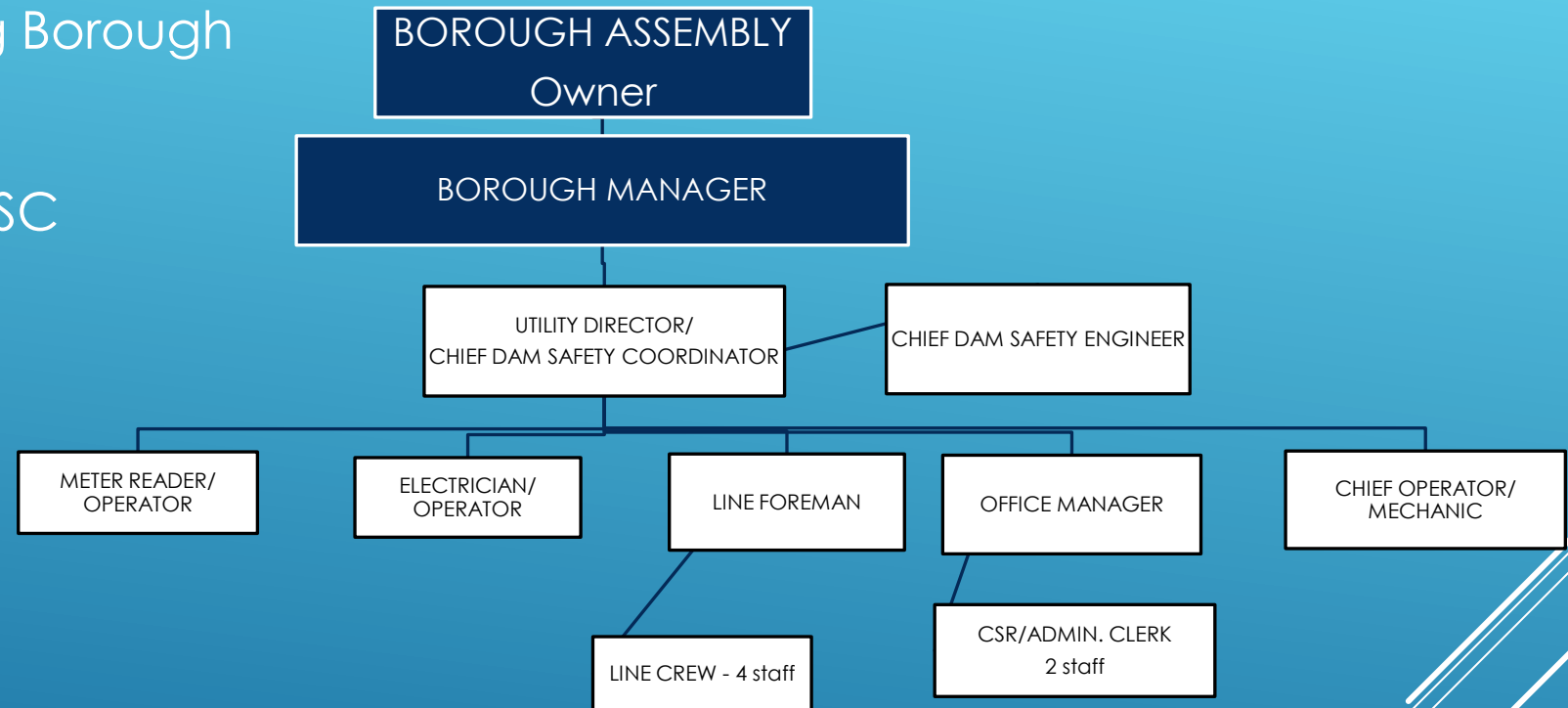






RESPONSIBILITY FOR DAM SAFETY

- ▶ Owner – Petersburg Borough
- ▶ Operator – PMPL
- ▶ Utility Director – CDSC
 - ▶ CDSE
- ▶ PMPL Staff



DAM SAFETY TRAINING

COMMUNICATIONS/REPORTING

RECORD KEEPING

CONTINUAL IMPROVEMENTS


ODSP AUDITS

THE ODSP SERVES TO ESTABLISH AND MAINTAIN A SAFE
HYDROELECTRIC PROJECT FOR THE BOROUGH AND MEMBERS
OF THE PUBLIC.

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EMERGENCY ACTION PLAN

STATEMENT OF PURPOSE

- ▶ This plan defines responsibilities and provides procedures designed to identify unusual and unlikely conditions which may endanger the Crystal Lake Dam in time to mitigate any hazards and notify affected parties of possible, impending or actual failure of the dam.
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DAM SAFETY EMERGENCY LEVEL CATEGORIES

CDSC, IN CONSULTATION WITH CDSE, DETERMINES IF ACTIVATION OF EAP IS NECESSARY AND THE EMERGENCY LEVEL PRIOR TO NOTIFICATIONS

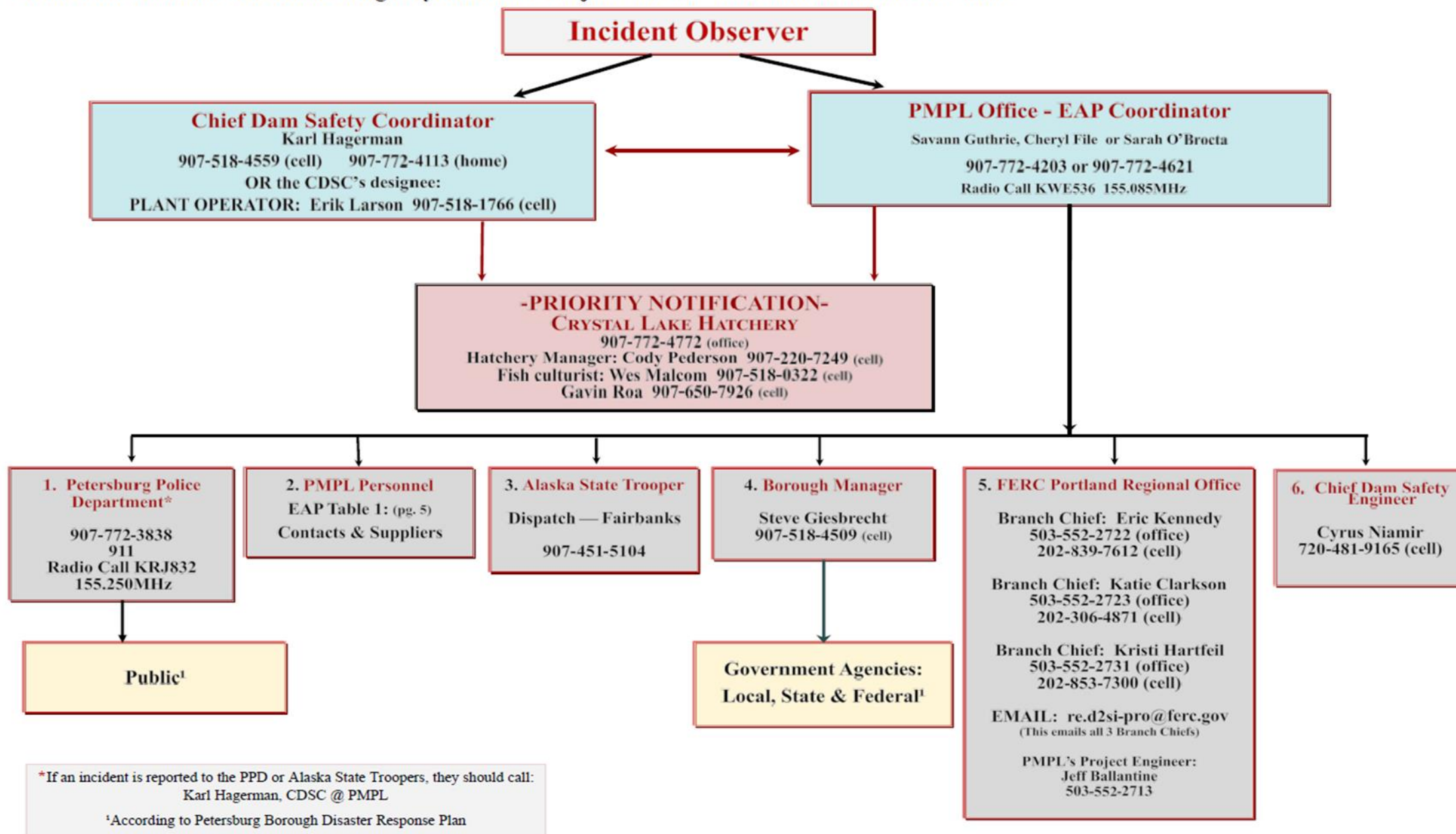



Non-failure

Potential Failure

Imminent Failure

Notification Flowchart for Blind Slough Hydroelectric Project No. 201—Potential or Imminent Failure



- ▶ EAP Provisions
 - ▶ Detection
 - ▶ Notification and communication
 - ▶ Emergency Actions
 - ▶ Termination and follow-up
 - ▶ Preparedness
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- ▶ FERC mandated safety plans serve to make our hydroelectric project safe for employees and the public, and also guide the Borough in the event of an emergency situation.

- ▶ Thank you

- ▶ Questions?

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