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# 2006 After Action Review & Update

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# 2006 Flood Event Follow-Up

- **Corps released After Action Report (AAR) on Nov. 2, 2006**
  - ◆ Summarized events surrounding Kootenai River flood event in June/July 2006
  - ◆ Identified issues requiring additional follow-up analysis, and/or recommended actions
- **Corps released After Action Update Report on April 15, 2008**
  - ◆ Summary of the Corps' responses to the AAR recommendations



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# Emergency Management

- Corps has developed an emergency response protocol to clarify how we address flood impacts on the Kootenai River.
  - ◆ Corps will continue to operate Libby Dam with protection of human life, health, and safety as first priority.
  - ◆ Corps recognizes responsibilities to provide for other authorized project uses, and flow augmentation for ESA listed fish.



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# Emergency Management (cont.)

- Corps provided information requested by the Nat'l Weather Service regarding Bonners Ferry flood stage.
  - ◆ In Oct. 2007, the Nat'l Weather Service decided to retain 1764' flood stage.
- Corps staffing, contracting, coordination, and communication processes are in place to support emergency responses.



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# Public Affairs

- **Internal & external communication processes have been clarified**
  - ◆ **Stakeholder contacts updated**
  - ◆ **Lines of communication better defined**
  - ◆ **Teleconference capability has been expanded**
  - ◆ **Communication procedures have been tested**



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# Libby Operations

- **Libby Water Control Plan updated with clarified VARQ flood control procedures.**
- **The Corps is using a new water management tool that considers a wide range of potential runoff scenarios and dam operations at Libby.**
- **In-depth review found that existing modeling effectively illustrates the flood control effects of VARQ.**



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# Libby Operations (cont.)

- **New systematic approaches for coordination between Corps' Seattle District and Northwestern Division on Libby operations.**
- **Deviation from VARQ flood control procedures will require defined evaluation and approval procedures.**
  - ◆ **Ensure that risks of the proposed deviation are minimized.**
  - ◆ **Future operations under VARQ flood control would continue to maintain a level of flood protection similar to Standard flood control.**



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**District News**

**Corps officially begins 2008 refill of Libby Dam's Kooicanusa Reservoir today**  
 Posted 09-May-2008  
 Contact: Cathy Hlebechuk (503) 808-3944 Nola Leyde (206) 764-6896

Portland, OR. – The U.S. Army Corps of Engineers will begin refill operations of Kooicanusa Reservoir, impounded by Libby Dam, today. The project will pass the VARQ Flood Control Flow, currently 13,800 cfs. The project will hold this outflow until the sturgeon flows commence sometime in late May or early June.

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