

Craver, Patti

From: Wingebach, Jacob *RV*
Sent: Tuesday, June 07, 2011 11:57 PM
To: Wingebach, Jacob; Kirkland, John; Clark, Jeff; Azua, Ray; Howell, Linda; Smith, Chris
Cc: Uselding, Lara; Wilkins, Lynnea; Smith, Chris; Farnholtz, Thomas; George, Gerond; Hagar, Bob; Steely, Chris; Vasquez, Michael; Williams, Megan; Willoughby, Leonard
Subject: RE: FCS Status - 6/7/11

The licensee is currently in a NOUE (HU1, EAL5) for natural phenomena affecting the protected area, specifically high river level. They entered the NOUE on June 6, 2011 at 0800 CDT.

Current river level is 1003 ft, 7 in.

Flow rate release schedule for Gavins Point Dam (6/8/11),

Release Schedule (Avg Discharge in cfs) –

- 0000-0800 – 130,000
- 0801-1500 – 135,000
- 1501-2400 – 140,000

Current flow rate seen at the Blair, NE gage is 151,000 cfs (2200 hrs). The Corps estimate of maximum flood level at the site is 1006.5 feet, occurring on approximately June 17, 2011.

Water is over the banks in the southeast corner of the protected area. The Hesco barriers around the security building currently show no water seepage.

OPPD has completed actions to protect vital structures to 1007 feet, with the exception of flood gates on doors in the aux building and south intake structure door. This is for personnel access issues. The flood gates are staged for installation. Additionally, the majority of the switchyard is protected by an earthen berm to a level of approximately 1011 feet. An earthen berm was constructed around the 161 kV building to minimize water leakage under the sandbag berms. The only structure not protected by an earthen berm is the T4 transformer. (The T4 transformer is an auto transformer between onsite 161 and 345 kV. If it would be lost, there would still be independent offsite 161 and 345 kV offsite loads.

As additional protection, the site is installing an aquadam (trademark name) around the entire power block, with the exception of the intake structure. This is designed to protect to a level of approximately 1010 feet. The installation is complete. Continuing to fill berm with water. There is some water under the aquadam in the northeast corner of the PA, where there is already water over the banks.

All primary evacuation routes are open.

ISFSI is built at a level of 1009 feet. No additional protection measures have been taken at this time.

Photos are available at s:\DRP\FCS Flooding

Good Links:

[Missouri River Mainstem Reservoir Bulletin](#)

[Inudation Maps](#)

[Gavins Point Project Order \(Daily\)](#)

[Missouri River Basin Current Conditions](#)

