

MEMORANDUM FOR THE RECORD

SUBJECT: Spill pattern adjusted for hoist inspections

Narrative: On May 3, one of the electricians noticed that the coupling cover had backed off on the hoist motor-gearbox. An inspection of the hoist motor-gearbox Wrapflex couplings on the hoist in spill bays 3, 9, 12, and 13 was required. If the inspections did not occur and the coupler failed while the gate was in service, it could lead to the motor uncoupling from the gearbox and then the gate could fall. That would be fairly catastrophic and force a spill bay to be out of service for months.

Location: McNary spillway.

Method: Before inspecting, that hoist and the neighboring hoists were removed from service with the gates on seal for safety, except for bay 2 where the gate is dogged off and there is no hoist that could fail. During the inspections, the flow was distributed evenly through the remaining operational gates. Upon completion, the spill pattern was returned as outline in the FPP.

Inspections and repairs took slightly over three hours. Spill observations during the operation revealed no adverse flow effects. The couplers' bolts required tightening and adhesive was applied to keep the bolts in place. The inspections were successful and help to avoid major issues.

Timeline - Duration:

1. 0827 to 0924 hours, Bays 11, 12, 13, 14 closed and Hoists 12, 13 inspected.
2. 0924 to 1056 hours, Bays 8, 9, 10 closed and Hoist 9 inspected.
3. 1056 to 1138 hours, Bays 3, 4 closed and Hoist 3 inspected.

A. Species: NA

B. Origin: NA

C. Length: NA

D. Marks and Tags: NA

E. Marks and Injuries Found on the Carcasses: NA

F. Future and Preventative Measures: Future inspections were recommended, which will be scheduled at a later date.

G. Photos Taken: None.

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