

MEMORANDUM FOR THE RECORD

SUBJECT: 14 LGS 02 - MFR Forebay Trash-Shear Boom Failure

On Saturday March 1, the shift operator reported that the forebay trash/shear boom had parted at approximately mid section. The break is located two floats upstream of the intermediate anchor float. The upstream section of the boom remains attached only to the upstream anchor float and this section is tailing in various directions created by flow and wind forces. The downstream section remains connected at the dam frame and the intermediate anchor float but has increased in slack creating a larger area for trash to collect behind it (see photos below). The loose boom section is being secured to prevent damage to or loss of the boom section. This action will also prevent drift towards the navigation lock or towards the powerhouse or spillway.

Corps technicians and engineers are formulating plans to complete temporary repairs prior to the start of the spill season with more permanent repairs to follow at a later date. Temporary repairs will require dive operations to determine the extent of the damage and to complete repairs. Repair and inspection activities will be coordinated with FPOM when more complete information becomes available.

George Melanson
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