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Sent: Wednesday, July 08, 2015 1:02 PM

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Subject: Memo on Low-Level Outlets Usage

Hello SOG members,

Attached please find a memo from our Regional Engineer, Steve Melavic, on the usage of the New Melones low-level outlets. We do not plan on operating the low-level outlets at New Melones at water surface elevations exceeding 808 feet (storage approx. 300,000 ac-ft).

Liz



United States Department of the Interior

BUREAU OF RECLAMATION
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, CA 95825-1898

JUN 30 2015

IN REPLY REFER TO:
MP-200
PRJ-19.0

MEMORANDUM

To: Area Manager, Central California Area Office
Operations Manager, Central Valley Operations Office

From: Steven B. Melavic
Regional Engineer

Subject: New Melones Dam – Operations of Low-Level Outlets

Operations of the Low-Level Outlets (LLO) at New Melones Dam should continue to be minimized. Typical operations have been limited to making temporary base flow releases from the LLO on the order of a few hundred cubic-feet-per-second during winters when the multipurpose tunnel has been dewatered for inspection and maintenance. During times of storage above Elevation 808, higher flows to make irrigation or flood type releases are not recommended due to system constraints and risks.

The reason for minimizing operations is the inability to readily shut off the water in the event of an emergency in the LLO system. Original design operating criteria received from the Army Corps of Engineers require the reservoir water surface to be at or below Elevation 808 prior to dewatering the LLO. Due to this requirement, the LLO pipes have never been inspected since original construction in 1979 because the reservoir has not been down to that elevation.

The facility should continue to be operated in accordance with the Standing Operating Procedures and design operating criteria.

cc: MP-100, MP-115 (JPhillips), MP-200 (SMelavic)
CC-600 (JEmami)
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