

DEPARTMENT OF WATER RESOURCES

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MAY 12 2017

**Mr. David Chardavoigne, General Manager
Monterey County Water Resources Agency
Post Office Box 930
Salinas, California 93902-0930**

**Nacimiento Dam, No. 1008
San Luis Obispo County**

**San Antonio Dam, No. 1008-2
Monterey County**

Dear Mr. Chardavoigne:

As a result of the recent major incidents at Oroville Dam, which led to significant damage and erosion of the Service and Emergency Spillways, Governor Brown issued a plan to bolster the State's dam safety program. To strengthen the State's inspection program, the Governor has ordered detailed evaluations of dam appurtenant structures, such as spillways. This new review is being expedited for dams that have large spillways and structures similar to Oroville Dam. Based on this directive, the Division of Safety of Dams is immediately conducting detailed re-evaluations of large spillways at high-hazard dams.

We completed a reconnaissance-level assessment of the spillways at San Antonio Dam and Nacimiento Dam and have noted that the structures may have potential geologic, structural, or performance issues that could jeopardize their ability to safely pass a flood event. Therefore, we are requesting that you perform a comprehensive condition assessment of each spillway as soon as possible. These spillways may also require a site investigation to provide supporting information for completing this assessment.

Please submit a work plan for each dam by July 15, 2017, for our review and approval. The scope of a detailed condition assessment of each spillway should include an evaluation of the concrete lining, the existing drainage system, and any potential for slab undermining and hydraulic jacking. The scope of a site investigation should focus on identifying potential geologic hazards associated with each spillway, including characterization of the foundation materials underlying and adjacent to the spillway structures and their susceptibility to erosion and instability.



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Since the site conditions are different at each dam, my staff is available to discuss ways to expedite development of the required investigation. The site investigation and condition assessment report for each dam must be completed expeditiously. Additionally, any known damage to the spillways must be repaired prior to the next flood season.

If you have any questions or need additional information, please contact Design Engineer John Diefenthal at (916) 227-4638 or Project Engineer Daniel Meyersohn at (916) 227-4624.

Sincerely,

Michael Waggner *FE*

Sharon K. Tapia, Chief
Division of Safety of Dams

cc: Mr. Frank Blackett, P.E., Regional Engineer
Federal Energy Regulatory Commission
100 First Street, Suite 2300
San Francisco, California 94105