

DEPARTMENT OF WATER RESOURCES

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April 12, 2023

Mr. Jan Nimick, Vice President
Power Generation
Pacific Gas and Electric Company
Mail Code N11E
Post Office Box 770000
San Francisco, California 94177-0001

Attention: Mr. David Ritzman
Chief Dam Safety Engineer

Scott Dam, No. 97-101
Lake County

Dear Mr. Nimick:

This is in response to Mr. David Ritzman's letter dated March 17, 2023, to the Division of Safety of Dams (DSOD) that enclosed a technical memorandum titled *Scott Dam Simplified 2-D Stability Evaluation* prepared by Gannett Fleming, Inc. (Gannett Fleming) and dated March 14, 2023. This study is part of Pacific Gas and Electric Company's (PG&E) ongoing reevaluation of the dam that was initiated in response to DSOD's letter dated January 22, 2021, to address potential dam safety concerns.

Gannett Fleming's simplified seismic stability analysis of the dam suggests that the dam may become structurally unstable for seismic loads estimated at a return period of 850 years when the reservoir is at Elevation 1,910.00. Based on the analysis results and as an interim risk reduction measure, PG&E intends to leave the spillway gates open year-round under a 10-foot reservoir restriction that results in the reservoir being maintained continually at Elevation 1,900.00. At this reservoir elevation, Gannett Fleming's analysis showed an improvement of the dam's performance under a major earthquake event.

Based on dam safety, DSOD concurs with PG&E's proposed 10-foot reservoir restriction as an interim risk reduction measure. Therefore, DSOD is restricting the year-round operation of the reservoir of Scott Dam to Elevation 1900.00, the spillway crest, which is 24.58 feet below the dam crest. This reservoir restriction may be revisited as conditions warrant and will remain in effect until PG&E receives DSOD's written approval authorizing a different level of reservoir storage.

Additionally, as discussed with Mr. David Ritzman on March 16, 2023, based on the seismic deficiency identified by Gannett Fleming, DSOD's condition assessment rating for the dam has been changed from "Satisfactory" to "Fair." Definitions of condition assessment ratings are available on our website at www.water.ca.gov/damsafety.

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DSOD appreciates your continued diligence and looks forward to working with PG&E on the ongoing reevaluation of Scott Dam. If you have any questions or need additional information, you may contact Project Engineer Ian Maki at (916) 820-7795 or Re-evaluation Engineering Branch Manager Ariya Balakrishnan at (916) 607-5439.

Sincerely,



Sharon K. Tapia, P.E.
Division Manager
Division of Safety of Dams

cc: Mr. Frank L. Blackett, P.E.
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Federal Energy Regulatory Commission
Division of Dam Safety and Inspections
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