

FEDERAL ENERGY REGULATORY COMMISSION
Office of Energy Projects
Division of Dam Safety and Inspections - Chicago Regional Office
230 South Dearborn Street, Suite 3130
Chicago, Illinois 60604
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In reply refer to: P-362

October 14, 2022

Via Electronic Mail

Mr. Daniel Maguire, PE
Compliance Manager
Brookfield Renewable
Danny.Maguire@brookfieldrenewable.com

Subject: 2022 Annual Dam Safety Inspection Follow-up
March 25, 2022 - Dam Safety Surveillance and Monitoring Report (DSSMR)
Twin Cities Hydroelectric Project (FERC Project No. 362)

Dear Mr. Maguire:

The annual dam safety inspection of the Twin Cities Dam, which is integral with the USACE Mississippi Lock & Dam No. 1, was conducted September 28, 2022, by Mr. Scott Airato, P.E. At the time of the inspection, there were no observations with respect to dam safety that required immediate remedial action. Nor were any dam safety concerns identified in the review of the subject 2021 DSSMR as well as the subsequent monitoring data.

The DSSMR was prepared by Messrs. Chad Knutti, P.E. (Dam Safety Engineer), Robert Garrett (Compliance Specialist), and Jeff Hathaway (Manager, Operations of Brookfield Renewable) and includes a statement that the dam is safe for continued operation. The 2021 DSSMR satisfactorily fulfills the annual requirement under Chapter 14 – Appendix K of the FERC’s Engineering Guidelines.

Last year’s DSSMR documented the unwatered inspection of Unit 3 intake bay. The accompanying HDR inspection report recommended additional research of past reports so that the severity of the pin holes observed could be evaluated. The 2021 DSSMR (Section 2.5) notes that this condition has been noted in previous unwatered inspections, confirmed that no major spalls or concrete deterioration have been observed, and noted that this condition will continue to be monitored in future inspections. Mr. Knutti previously confirmed there was no additional information found from the internal records search regarding past repairs. This satisfactorily addresses Comment 1 from the FERC’s May 3, 2021, letter reviewing last year’s DSSMR.

With the Public Safety Plan (PSP) issued September 19, 2013, a 10-year update to is due no later than **September 19, 2023**. As discussed during the inspection, we understand that an internal review of the PSP has been completed and the updated PSP is nearly complete. The updated PSP should be filed when it is completed. File the updated PSP using the Commission's eFiling system at <https://www.ferc.gov/ferc-online/overview>. For all Dam Safety and Public Safety Documents, select Hydro: Regional Office and Chicago Regional Office from the eFiling menu. The cover page of the filing must indicate that the material was eFiled. For assistance with eFiling, contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY).

Thank you for the assistance provided during the inspection. You may contact Mr. Scott Airato at 312.596.4431 (scott.airato@ferc.gov) or me at (312) 596-4430 if you have any questions.

Sincerely,

Kevin C. Griebenow, P.E.
Regional Engineer