




November 23, 2016

**INTER-OFFICE TRANSMITTAL MEMORANDUM**

TO: Teresa Roiz  
Executive Secretary II, Deputy General Manager

FROM: Cheryl Sperry   
Administrative Services Manager

SUBJECT: Amendment: Declaration of Emergency – Repair of HHP  
facilities: Failure of the Kirkwood Generator Bypass System

Attached please find the amended above-referenced declaration for signature by Harlan Kelly. Would you facilitate his (or his designee) signature today and then forward to Donna Hood for the Commission. Thank you.

The changes in the Amendment are:

Previous:  
Chapter 6, Article IV, Section 6.60(D) of the Administrative Code of the City and County of San Francisco

Change to:  
Chapter 21, Section 21.15 (c) of the Administrative Code of the City and County of San Francisco

Edwin M. Lee  
Mayor

Anson Moran  
President

Ike Kwon  
Vice President

Ann Moller Caen  
Commissioner

Francesca Vietor  
Commissioner

Vince Courtney  
Commissioner

Harlan L. Kelly, Jr.  
General Manager





San Francisco  
Water Power Sewer

Operator of the Hetch Hetchy Regional Water System

Post Office Box 160

Mocasin, CA 95347

T 209.989.2000

F 209.989.2104

Junction of Hwy 49 and Hwy 120

November 23, 2016

**INTER-OFFICE MEMORANDUM**

TO: Anson Moran  
President

FROM: Harlan Kelly  
General Manager

SUBJECT: Declaration of Emergency – Repair of HHP facilities:  
Failure of the Kirkwood Generator Bypass System

In accordance with Chapter 21, Section 21.15 (c) of the Administrative Code of the City and County of San Francisco, I am declaring an emergency on behalf of the Public Utilities Commission.

On October 6, 2016 the HHP Kirkwood Generator Bypass System was inspected. The stainless steel dissipater valve has failed. As a result, the unobstructed jet of water is now directed straight down onto the 1/2" steel plate, railroad rail and concrete structure. The bypass was last used for an extended period during the Rim Fire (11 days). During that use, the force of the water flow was able to strip the 1/2" steel plate, rail, concrete and rebar from the floor to a depth of about 30 inches. The Kirkwood Generator Bypass is currently red-tagged.

This Kirkwood Generator Bypass structure is a critical asset and provides for continuous delivery of water to SFPUC water customers in the event Kirkwood Powerhouse is de-energized. Inability to use this asset poses a threat to water deliveries, a basic service affecting the lives, property and welfare of the SFPUC water customers.

HHWP requires assistance from an outside vendor to fabricate a new dissipater valve and other replacement parts. It takes about two months to fabricate the valve and about 6 weeks to replace and install the valve. This work requires a shutdown of the powerhouse and water delivery system. HHWP has a shutdown scheduled for January 2017 at which time this work can be completed.

This request for emergency declaration is for resources to perform the repair work beyond the capabilities of City forces as soon as possible and is not anticipated to exceed \$0.7 million.

I am therefore declaring the existence of an emergency. I trust that this meets with your concurrence and approval.

Edwin M. Lee  
Mayor

Anson Moran  
President

Ike Kwon  
Vice President

Ann Moller Caen  
Commissioner

Francesca Vietor  
Commissioner

Vince Courtney  
Commissioner

Harlan L. Kelly, Jr.  
General Manager



CONCUR AND APPROVE:



---

Andy Moran – President,  
San Francisco Public Utilities Commission

cc: I. Kwon                      A. Moller Caen                      F. Victor  
     V. Courtney                S. Ritchie                              M. Hannaford  
     C. Sperry                      Mocc File