



## Broadcast Engineering Services of Bonny Doon, Inc.

415 Emerald Forest Lane  
Bonny Doon, California 95060  
(831) 420-1571 dmsml@well.com

Donald E. Mussell Jr. NCE-CBT  
Consulting Engineer

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### KANO Hilo, Hawai`i Request for Special Temporary Authorization Engineering Statement

KANO FM (Facility Number 26449), located at Hilo, Hawaii is now operating with an emergency backup transmitter, due to the failure of the main transmitter. On Thursday, November 30, 2006, the main transmitter was destroyed by an internal fire. The licensee has placed a new main transmitter on order, and to restore partial service, a 2,000 watt loaner transmitter was put in place on December 10<sup>th</sup>, 2006. This spare transmitter along with the main antenna system develops an effective radiated power of 4,000 watts. The normal effective radiated power is 26,000 watts.

Hawaii Public Radio expects the new transmitter to be delivered and installed by mid-January, 2007. Restoration of normal operating power should be restored at the latest by the end of January, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Mussell Jr.", with a stylized flourish at the end.

Donald E. Mussell Jr. NCE-CBT  
Consulting Engineer  
December 10, 2006



The KANO transmitter. A 1980 vintage CSI 20KW model.

Below, the KANO antenna and transmission line (right side of tower):

