



## ALTERNATE ENERGY HOLDINGS, INC

March 3, 2010

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Alternate Energy Holdings, Inc. (AEHI)  
Notification of new lead greenfield nuclear plant site in Idaho

The purpose of this letter is to update the NRC that AEHI has selected a new lead greenfield nuclear plant site near Payette, Idaho. Unfortunately, the Hammett site is almost two years in the local review process and we are not sure if local approval will be achieved in the foreseeable future.

We do not plan to develop both sites in Idaho, but move ahead with the one that achieves local approval first. The Payette site is moving much more quickly and local support is strong so we anticipate receiving approval in the third quarter of this year.

We anticipate filing a Combined Operating License (COL) application for Payette in the fourth quarter 2011. We are unable to project the Hammett site in light of the unpredictable local process at this time. ENERCON has done our preliminary site work for Payette and Hammett, and will do our COLA.

Further, we are still considering an additional site in Colorado, but have not made a final site selection.

The company is no longer considering the EPR, but is negotiating to bring the Korean APR 1400 to this country which is based on approved US technology. In any case, we plan to select our reactor supplier no later than the third quarter of 2010 for the Payette site. We will notify NRC of that decision as soon as possible. In addition, all of our sites will now be dual unit sites.

We regret the moving target, but local approval for greenfield sites in non-nuclear states in the west is not an easy task. Our first site near Bruneau, Idaho had a fault and we had to abandon it. The second site near Hammett is stalled in the local review process.

Please update your website to replace the Hammett site information with the Payette site information and the reactor supplier to TBD.

If you have any questions or need additional information, please contact us.

Respectfully,

Don Gillispie  
Chairman and CEO

Cc: NRC Director of New Reactors, Michael Johnson

DO 79  
NRO