

四川锦欣工程建设监理有限责任公司
黑水县扎窝电站项目监理部
关于扎窝一级水电站暂时停止施工的通知

黑水县三联水电开发有限责任公司：

根据目前扎窝一级水电站引水隧洞施工现状，项目监理部发现该电站引水系统地质条件较差，且电站主厂房后坡地表土质松软，原考虑的护坡设计方案将进行变更。为确保项目工程质量和建成投产后的安全运行，业主方应对引水隧洞进行全面灌浆，并将厂房护坡浆砌范围、高度及厚度增加。同时，由于近期钢材、铜材等金属材料价格大幅上扬，电器设备市场价格也随之增长，因此，设备采购将增加投资。鉴于上述原因，扎窝一级电站投资将在原项目概算上大幅增加，经监理工程师初步测算，扎窝一级电站最终固定资产总投资约 4965 万元（在原概算 2930 万元基础上增加投资约 2035 万元）。具体需要增加投资的项目及增加投资的数额如下表所示：

需要增加投资的项目	增加投资数额（万元）
引水隧洞的全面灌浆	637
厂房护坡工程	169
钢材	116
隧洞设计方案变更	643
引水系统（玻璃管）	195

电器设备	275
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由于工程量大幅增加和电器设备的涨价，导致业主将对项目追加投资，而目前业主建设资金紧缺，资金筹措困难，拖欠施工单位工程款较为严重，因此，特建议业主对扎窝一级电站暂停施工，待资金到位后再行复工。

特此通知



二〇〇六年十一月七日

**Notice of stopping the construction of Sichuan Heishui Zhawo
No.1 Hydropower Project issued by Heishui Zhawo
Hydropower Project Supervision Department of Sichuan
Jingxin Construction Supervision Company**

Heishui Sanlian Hydropower Development Co., Ltd.:

Based on the construction status of headrace tunnel of Sichuan Heishui Zhawo No.1 Hydropower Project, the project supervision department found that the geological condition of the pilot system was poor, and the surface earth of the back slop at major workshop was soft; therefore, the initial slope protection plan has to be modified. In order to guarantee the project quality and the safe operation after the construction, the project owner should grout all over the headrace tunnel, and increase the slope protection mortar in range, height, and depth around the workshop. At the same time, since the price of metallic material, such as steel and copper, as well as the price of electrical equipments increased a lot recently, the investment on facilities purchase increases greatly. As stated above, the total investment on Sichuan Heishui Zhawo No.1 Hydropower Project will increase a lot, and it is calculated that the final total investment will reach 49.65 million Yuan. The specific items and amount are listed as follows:

Item	Increased amount (ten thousand Yuan)
Grouting of the headrace tunnel	637
Slope protection of workshop	169
Steel material	116
Revised tunnel plan	643
Water pilot system (glass fiber reinforced tube)	195
Electrical equipment	275

Since the construction quantities and the price of electrical equipment increased greatly, the project owner has to increase the investment. Considering there is a shortage in funds and it is hard to raise money, the project owner has been in arrears with the construction payment. Therefore, it is suggested that the project owner stop the construction of Sichuan Heishui Zhawo No.1 Hydropower Project until the project was well funded.

Heishui Zhawo Hydropower Project Supervision Department of Sichuan Jingxin
Construction Supervision Company (Stamped)
7 November 2006