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# USAID ENERGY POLICY PROGRAM

## SITE VISIT REPORT GOMAL ZAM MULTIPURPOSE DAM PROJECT



**December 2010**

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## SITE VISIT REPORT

### GOMAL ZAM MULTIPURPOSE DAM PROJECT

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#### **DISCLAIMER**

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## **1. PURPOSE of VISIT**

As per the directions from USAID, a field visit of Gomal Zam and Multipurpose Hydropower Project was conducted through Dec. 9 – 11, 2010 by a Senior Energy Expert from USAID Energy Policy Project. The purpose of the visit was to verify the completion of works and current status on the main dam, powerhouse and transmission line and other related works. The field visit was important as it relates to expediting the completion of the project under the USAID funding.

## **2. STATUS of WORKS COMPLETED**

For the purpose of verifying works completed on the Gomal Zam project, Mr. Saleem Paracha Senior Energy Expert from USAID Energy Policy project reviewed the monthly progress reports and inspected the project on site for physical verification of completed works.

Following is the brief summary of project works completed and verified up to Nov. 2010.

- |  |               |
|--|---------------|
| 1. Main Dam and Spillway concrete and related works: | 90 % complete |
| 2. Hydropower and Switchyard component:              | 90 % complete |
| 3. Transmission Line                                 | 25 % complete |

The main dam is in the final stages of completion with partial work to be completed related to the placement of Roller Compacted Concrete (RCC) which was in progress on the left abutment. Work on the right abutment has already been completed to its maximum level of 763 meters, only bridge girders are to be placed on the spillway piers. On the powerhouse side, cable pulling and cleaning of the turbine runners and other parts affected by the floods was in progress. The installation of transmission line towers was also in progress and towers have been installed on an area of 20km starting from the Tank Grid station to the powerhouse. The site photographs taken on Dec. 10, 2010 showing progress of works are attached as Annex A.

During the visit it was verified that works completed and in progress are supervised by certified engineers of the Gomal Zam management consultants in accordance with the approved specifications and applicable standards. It was also ensured that the quality of works was in accordance with the applicable standards and specifications.

**Muhammad Salim Paracha**

**Senior Energy Expert**

**USAID Energy Policy Project, Islamabad**

## ANNEXURE – A: Photographs Showing Work Progress



**Down Stream Face of Main Dam  
and Snillways**



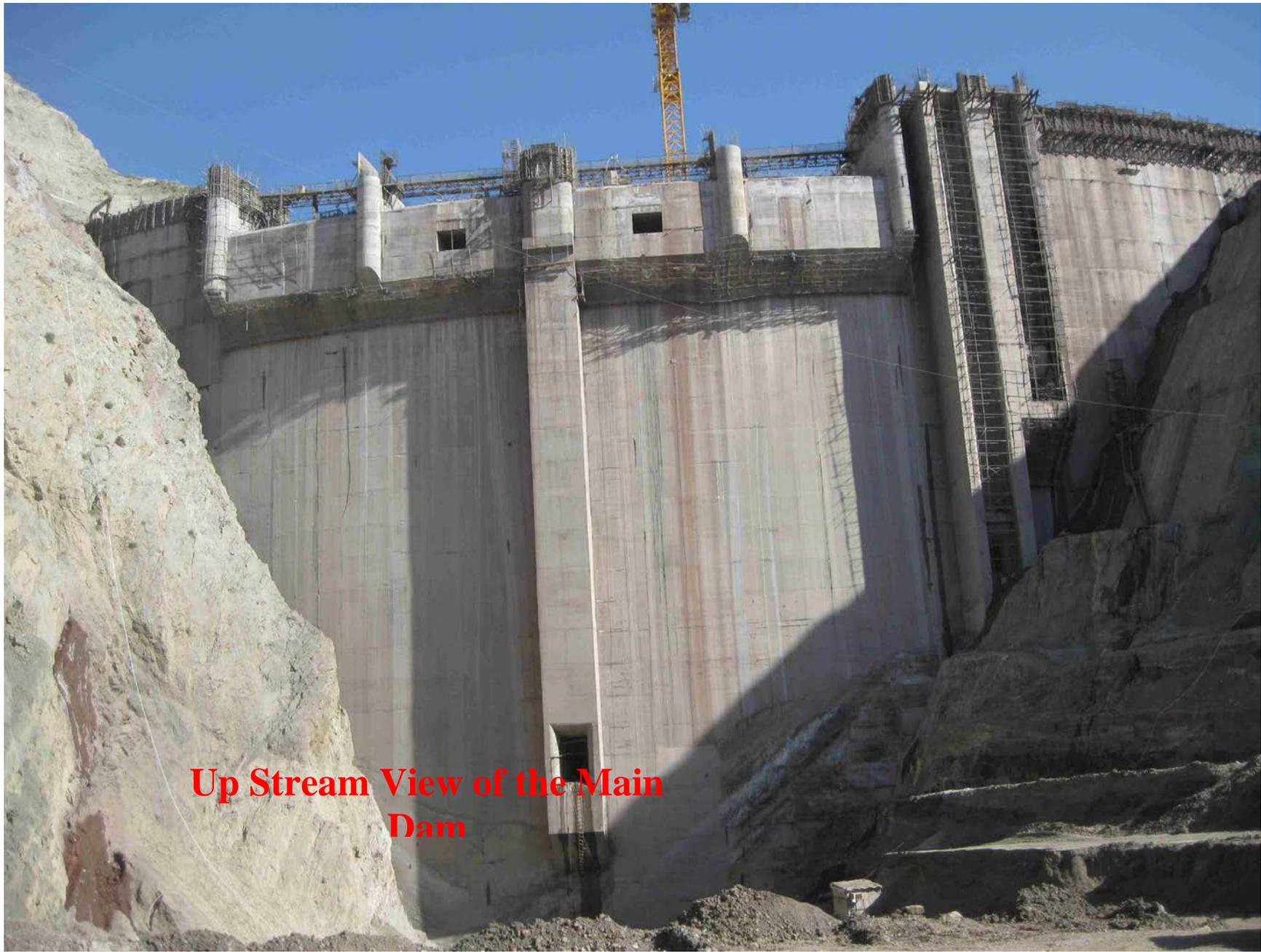
**Power House Tailrace Deck  
Crane**



**Power House Turbine Runners**  
**Dec. 10, 2010**



**Main Dam, Power House and  
Water Treatment Plant**



**Up Stream View of the Main Dam**



**Concreting of Main Dam in Progress**



**Top View of Main Dam**  
**Dec. 10, 2010**



**Top View of Main Dam –  
Concreting in Progress**

