



Certificate of Excellence

is hereby granted to:

Egypt Control Systems Engineering (Egyptrol)
for outstanding performance and lasting contribution on



*Aswan High Dam
Controls Upgrade Project
Granted: April 30, 2003*

ALSTOM POWER Inc.
Power Hydro
7821 SouthPark Plaza
Suite 208, Littleton
CO 80120-4506

ALSTOM

*Mark Wardell
Project Site Manager*



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Wednesday, April 30, 2003

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Subject: High Dam Controls Upgrade Project
HPGC/Alstom Power Contract date June 20, 2000
USAID L/Com# 263-0224.5-001
Letter of Reference

TO WHOM IT MAY CONCERN

ALSTOM hereby certifies that we have assigned EGYPTROL a contract in the Aswan High Dam Control System Upgrade Project to perform our site Quality Control activities for the period from July 2000 to April 2003.

EGYPTROL scope of Quality Assurance/Quality Control (QA/QC) work at Aswan High Dam control upgrade project covered the activities of construction, installation, start-up & commissioning and performance testing.

The project is an upgrade of control system and implementation of DCS control for 12x180MW hydro-generators and 500, 132kV switchyard and transmission circuits, also the replacement of the old protection system for generators and 500kV switchyard by a modern microprocessor based protection relays system.

The performed QA/ QC activities included:

- Review, comment and approval of the contractors Quality Manual.
- Design/shop drawings review.
- Construction and testing supervision and review of results.
- Assurance of compliance with contract specifications, procedures and applicable codes and standards.
- Perform and witness site walk-downs and material inspections.

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During their working period, EGYPTROL staff demonstrated deep understanding of the applicable codes and standards, valuable experience in power plants electrical and control systems in addition to an excellent spirit of cooperation and a genuine team attitude.

We also confirm that Egyptrol performance has been extremely satisfactory for us and would not hesitate to recommend them for any future projects and we wish them all the success in the future.

Sincerely



Mark Wardell
Project Site Manager

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