

OSART Good Practices

COMMISSIONING

Interface with Engineering

Tianwan, China

Mission Date; 26 Jan.-12 Feb., 2004

The presence of an experienced design team on the site and close co-operation between Designer and TNPS teams permits fulfillment of design changes for commissioning work to a high standard.

Petersburg Scientific Research and Design Institute (SPAEP) of Russia is responsible for the general design for TNPS for both units within the territory of the double fence. This area includes the NI part (nuclear island) and CI (conventional island). OKB Hidropress is the designer for the reactor. The core layout of the initial core is drawn by RRC the Kurtchatov Institute. There is a Design team on the site at all times during normal working hours (approximately 45 person). This team is divided into seven working subgroups.

These subgroups are responsible for different design areas.

Designer and TNPS teams have joint routine meetings twice per week and an informal meeting every day. The results of the joint routine meeting is recorded with details of decisions on open issues. TNPS engineers work closely with design engineers. At any time they can investigate problems and solutions can be found: SCN No 8825 was issued concerning field design changes. Such co-operation permits the Chinese staff to receive the full benefit of the Designer's experience. The general quality of technical translations is good.