**U1.05/08 T3**

*Improvement of NDT methodologies for In-Service Inspection (ISI) of NPP components based on modern approaches and best international practices*

**Dissemination Summary ANNEX 1**

Picture 1: Concentration on NDE Improvement on chosen components of the RNPP VVER

- Task 1: Organization of the NDT project
- Task 2: Elaboration of recommendation for NDE improvements of DR, TM, AEM, ICDS, UT, ET;
- Task 7: NDE Study tours and Training;
- Task 3: Elaboration of recommendations for analysis of NDE results and calculation of critical defect size;
- Task 8: Dissemination of NDT project results.

- RPV Nozzle Inner Radii 1-8 NDE (Task 4)
- 1 Longitudinal RPV bottom weld NDE (ID)
- 6 (all) RPV circumferential welded joints ID NDE (Task 4)
- PRZ surgeline welds NDE on C 5 and C 6 (Task 6)
- Steam Generator HET NDE (Task 5)
Picture 2: Concentration on NDE Improvement on RPV welds

Picture 3: Concentration on NDE Improvement on the inner radii
Picture 4: Concentration on NDE Improvement on SG HET

VVER-1000 Steam Generator, top view; Support plate arrangement with HL (ХК) and CL (ГК) collector

Picture 5: Concentration on NDE Improvement on two pipe C 5 and C 6 welds of the Surge-line