



NDT CARRIED OUT IN POWER PLANTS BY TRSC

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ABSTRACT

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Public Power Corporation S.A. is the main electric power producer, transfer carrier, distributor and trader of Greece. Testing Research & Standards Centre (TRSC) is the testing organization of (PPC) S.A. involved with Destructive and NDT. The Mechanical and Metallurgical Section is involved with NDT by means of the Metallurgical laboratory and the Applied Physics laboratory. Finally the Destructive tests executed by the laboratory of strength of materials.

The PPC SA operational duty of the Quality Assurance System manages Non Destructive Testing of materials and welds playing an important role in controlling critical areas in materials, equipment, welding and workmanship for more than 2 decades in power plants.

All the above tests are carried out by qualified engineers and technicians which are ASNT and PCN EN 473 level II and III certificate holders approved by International NDT examination centres.

The aim of this paper is to present our experience on inspecting the power plants equipment and machinery tools providing information derived from the occurred flows of discontinuities.