Connection of FSS with terminal in TSC by dedicated line has been established and on-line transmission of data from FSS to TSC is available. Control room personnel training and TSC centre staff training including drill exercises is regularly performed in parallel. The purpose of such a parallel training is to enable communication practice between control room personnel and TSC staff and also decision making process drill in TSC during accident progression. To perform required tasks the TSC personnel needs to have available important plant data on-line. High speed data transmission line from FSS to TSC has been established and workstation in TSC has been permanently installed to provide high fidelity simulation of data transition from Main Control Room to TSC. Such a data connection and workstation in TSC could be used during every exercise without any requirements on installation of temporary equipment.

The main benefits of data transmission form FSS to TSC are the following:

- TSC staff is provided by on-line data from FSS in the same scope as from plant;
- TSC staff and Control Room personnel training could be performed in parallel;
- Training is conducted under real conditions and staff works at dedicated workplaces;
- TSC staff and Control Room personnel communication is practiced under realistic conditions according to corresponding procedure;
- TSC staff regularly practice usage of standard UIS workstations;
- Training is conducted with support of real parameters depending on accident progression with direct impact of Control Room personnel actions;
- Real plant parameters and FSS data are strictly separated to avoid mistake and confusion of TSC staff.
TSC Manual was developed to form technical bases for decision making process performing by TSC staff during the implementation of the EOPs by Control Room Operating Crew. This is controlled and licence binding document at plant. The TSC staff provides support by performing evaluations of specific topics and by making recommendations to the Operating Crew during implementation of the EOPs. There are many steps in the EOPs where explicit support or advice is requested from the TSC. Also, the experience from training, simulations, etc. show that the TSC support or advise was requested in certain specific situations without explicit request step. The purpose of the TSC manual is to provide guidance to the staff on how to support the Control Room Operating Crew during the implementation of the EOPs. This manual has been prepared for the members of the TSC to make recommendations for decisions. Also the Shift Supervisor or Unit Supervisor (who are present at the plant before the TSC is functional) may find some responses in this document for making good recommendations to the control room operating crew.

The main benefits of TSC manual are the following:

- TSC manual gathers all available information relevant for each topic, including information spread in the various EOP background documents. As a consequence, this manual can be used in general as a stand-alone document and hence there is no need to search the EOP background documents frequently to perform the TSC Evaluations;
- This manual consists of 30 separate TSC Evaluations. Each Evaluation provides guidance for a single topic of concern for which the TSC should be informed and/or provide a recommendation. Each topic can be of interest for one or more EOPs;
- The applicable EOPs and relevant step numbers for each TSC Evaluation are specified in the Matrix of Evaluations. Referring to that matrix, the TSC can easily and quickly determine which TSC Evaluation(s) he might be requested to perform based on which EOP is being used. On that basis, the TSC can already anticipate and be prepared when and if the operating crew is requesting advises or recommendations;
- The guidance information for each TSC evaluation is arranged according to the same format that facilitates the TSC staff decision;
- TSC manual is included in the list of operating instructions that should be periodically reviewed and updated (similar to EOPs).

TSC manual provide simple and very effective tool for the members of the TSC and other technical staff to support Operating Crew during implementation of the EOPs under stressful emergency conditions and decrease probability of errors.
Plant specific Severe Accident Simulator
The plant has a specific severe accident simulator model that runs on a personal computer. The model runs on a RELAP/SCDAP platform with a user friendly interface consisting of 3 separate screens. One screen is an instructor screen to control the simulator, the other two screens only present plant parameters that are also presented in the main control room. The RELAP model is copied from a RELAP model that was used to perform formal safety analysis of the plant design by the original plant designer. Necessary safety systems and a simple secondary system were added to the original model to make a working simulator for training purposes. The simulator was tested and validated against the safety analysis reports made by the vendor. Overheating, gap release, melting and relocation of the model's reactor core are simulated by the SCDAP part of the model.

Benefits associated with the Plant specific Severe Accident Simulator
This SAM simulator is used to train the Emergency Response Organisation in the use of the EOPs and SAMGs. The simulator is also used to develop severe accident scenarios for exercises in which the full scope simulator is used. The full scope simulator stops before fuel damage starts so exercises with use of the full scope simulator can only be extended into core melt region when pre calculated data from the SAM simulator is used to ‘simulate’ the part of the scenario from where the simulator is stopped. Accident progression can also be studied with the SAM simulator to estimate the possible outcomes before formal analyses are requested from contractors.