

Operation TCR



22 May to 1 July 2001

Henrik.nissen@Cern.ch

Operation TCR



■ 28 May 13:41

■ Eau demi TOF stopped

| Causes:

- Faulty flood detector in target area

| Consequences:

- TOF experiment stopped

| Actions:

- Called GEMATEC and D.Gros ST/CV

Operation TCR



■ 2 June 9:59 - 03:00

■ Power cut Meyrin

| Causes:

- Fault on Transformer in SHM18.
- Due to this fault main 66 kV transformer in BE (EDF) opened. This transformer supplied the Meyrin site through the MP5 connection.

| Consequences:

- 7 power cuts on the Meyrin site due to auto transfer switchover because of wrong selectivity between transformers.
- A lot of equipment in the Meyrin site stopped
- PS stopped.

Operation TCR



■ 2 June 9:59 - 03:00

■ Power cut Meyrin

■ Actions:

- Called piquet EL
- Blocked Auto transfer in ST59 (Bat212)
- Called piquet GEMATEC, SPIE and Cryo

Operation TCR



- 3 June 20:40 - 17:30 (02:09)
 - Cooling station bat 378 stopped
 - | Causes:
 - Water leak Primary circuit.
 - | Consequences:
 - TOF station stopped
 - | Actions:
 - Operator on site
 - Called Piquet GEMATEC (LEP)
 - Refilling circuit.

Operation TCR



■ 7 June 17:20- 17:26 (20:22)

■ Power cut LEP, Zone north and SPS

| Causes:

- Work in BE9 had caused the 48V to be cut.

| Consequences:

- No power LEP, Zone north and SPS

| Actions:

- Called Tarita.
- Called piquet Gematec

| Remark:

- No access in the BA's from 19:00

Operation TCR



■ 11 June 20:10 - 00:06

■ Network Problem

| Causes:

- Power HUB in TOF down

| Consequences:

- Many API's not responding

| Actions:

- Reboot power HUB
- Called Van Der Vossen
- Called firemen.

Operation TCR



■ 16 June 8:45 - 16:40

■ Water leak Booster

| Causes:

- Leak on tube in the tunnel

| Consequences:

- Booster stopped
- Station ED for booster stopped

| Actions:

- Operator on site.
- Called piquet GEMATEC
- Called J. Kuhlnt Kinel

Operation TCR



- 22 June 15:21 - 15:30 (17:00)
 - Power cut Zone north and SPS
 - | Causes:
 - Work in BE9 had caused the 48V to be cut
 - | Consequences:
 - Eau demi SPS stopped
 - Eau glacee BA81 stopped
 - | Actions:
 - Called GEMATEC
 - Called Mollay
 - Called PCR

Operation TCR



■ 23 June 10:18 - 11:00 (13:00)

■ Primary water SPS to hot

| Causes:

- Cooling towers (Bat 863) running very slow.

| Consequences:

- Eau demi SPS to hot
- SPS test stopped

| Actions:

- Called M.C. Morodo
- Called D. Blanc
- Called PCR

Operation TCR



- 28 May - 10 June

- TDS not stable

- Causes:

- Bad data definition in database of new system.
- Too high load (80000).

- Consequences:

- No alarms get through during breakdown.

- Actions:

- Operators TCR
- Piquet IN

Operation TCR



■ 29 June 11:40 - 13:07

■ Primary water SPS low pressure

■ Causes:

- communication problem between SIG and ST/CV automates.

■ Consequences:

- SIG not able to control water pressure

■ Actions:

- Called PCR

Operation TCR



■ 30 June 15:27 - 16:00

■ Compensator SPS down

| Causes:

- Compensator disconnected on I max .

| Consequences:

- SPS stopped

| Actions:

- Called piquet EL

| Remark:

- Compensator not fully supervised by ENS yet.