

Mochovce 3 nuclear project: current problems

Recently, new photo evidence has emerged by another manager (whistleblower 3) working until spring 2019 for the Mochovce 3 nuclear project.

It proves that serious issues highlighted by other engineers that have come forward such as Mario Zadra (whistleblower 1) in 2017 and 2018 have still not been resolved.

Whistleblower 3 has provided us with over 650 photos and videos from inside the building site, here is a selection of the most relevant ones.

Structural integrity of safety-relevant buildings



6.12.2018 Stairwell next to Turbine hall



10.1.2019 bent Beam next to Turbine hall

Electrical wiring



(date of video: 1.12.2018)

Above is a frame taken from one of the videos. Beside the unordered laying of the cables, it is clear that the green cable is too short. Similar cases are very common in EMO34.

But the most serious thing is that no non-compliance report has been raised for the problem of short and poorly laid cables. Not even a report to accept that they are good as they are. This is contrary to the project rules approved by UJD – UJD never raised this issue.

The disastrous laying of the power cables without considering their heating / cooling will create many problems in the future for the plant.

From the technical point of view, the cables are installed so badly that they should be completely relayed.

This is much more serious than it seems. **To guarantee a lifetime of 40 years, the cables should have extra length in each end. This with the aim of being able to guarantee the reconstruction of the terminations in case of failure or aging.** The requirement was not respected at all. No one of the requirement introduced in order to ensure the 40 years of operation (longer than EMO12) was respected.

Other examples of poorly laid cables



14.3.2018 open connection with dirt



18.5.2018 Staircase



9.1.2019



Situation has not improved: see Mario Zadra's photo 23.6.2017

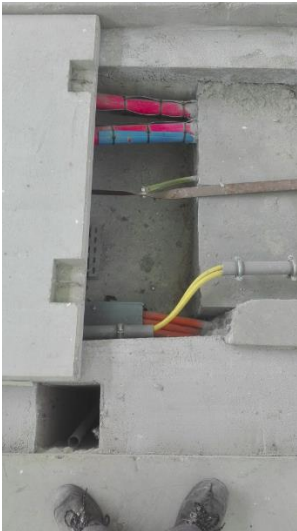


Situation has not improved: see Mario Zadra's photo 8.3.2018

Open canals with dirt and water leaking into them



15.6.2017 outside cable canal, open for month, dirt entering



15.6.2017, exposed to weather, dirt and water

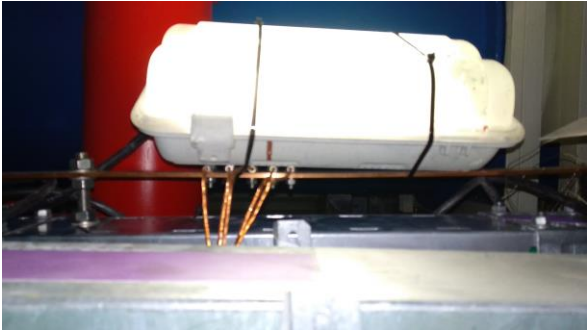


12.1.2018 Room 568 / 1-02, water in basement of canal



12.1.2018

Examples of electric lights installed using cable ties, at the same time fixed dangerously to grounding or control cables



27.2.2018



27.2.2018



27.2.2018



14.3.2018

Emergency Diesel generator building: hole in roof, water seeping in



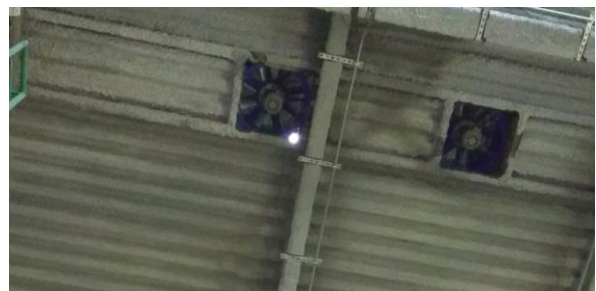
15.5.2018 Emergency Diesel Generator cover wet



15.5.2018 Emergency Diesel Generator wet patch



15.5.2018 DG building, hole in roof



15.5.2018 DG building, hole (enlarged)

Welding



17.5.2018

This example shows numerous welds in a single branch of pipe. Leoncini, a bankrupted subcontractor became notorious for the faking of welds certifications and welder qualifications on-site. The Leoncini problem was apparently recovered through a statistical approach, but this method is unacceptable for safety systems.

There are thousand of repeated welds in Mochovce 3, also in the main lines. This is not acceptable.

Excessive dirt on site, endangering safety-relevant equipment



4.10.2018



1.12.2018



4.12.2018



Situation has not improved: see Mario Zadra's photo 18.1.2018

See also the "MOCHOVCE NUCLEAR POWER PLANT WORK PERMIT CENTER INSPECTION REPORT" WPCIR No.67 of 7.11.2018

Unprofessional and dangerous work



6.2.2018 Scaffolding bearing on piping

numerous other examples

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