Both detectors (FGD and IGD) have collected data during the whole running time for NA16. From a preliminary evaluation of the monitoring data, the devices seem to have operated in a rather stable manner. Interventions were required occasionally only on some of the HV units. Tests now being made show no instabilities, and suggest that the source of the troubles might be environmental noise created by the operation of the complex equipment. We hope to track down the weak point by creating artificial noise situations.

The relevant improvements of the apparatus since the last report are the following:
- IGD has been fully equipped with optical fibers.
- The displacements of the two stages during calibration are automatized through the use of a microprocessor.
- The on-line programs can now gather monitoring data (laser and reference sources signals) between spills, instead of at the end of each roll. The detectors have been calibrated with electrons roughly once a month. This should allow an accurate evaluation of the efficiency of the monitoring system. Calibration time is now down to less than 3 hours for FGD and some 12 hours for IGD.

Programme for the shut-down:

Hardware:
- Replacement of the entire vertical drive system on FGD.
- A general refurbishing of the optical fibres mounting on FGD, for which the short time available has lead to some "bricolage".
- Tidying up of many minor aspects of the installation.

On-line software:
- Implementation of the computer control on the HV units, with full use of the link between the data acquisition and the monitoring computers. This should allow the automatic adjustment of PM gains.
- Replacement of the present E version ADC's with the higher performance A version.
- Implementation of the computer control (from the NORD-10) of the movement of the platform during calibration.

Off-line software:
- Development of data reduction programs for the automatic evaluation of the time evolution of the calibration constants, using electron and laser data.

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