



**ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE  
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH**

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Attn. Mr. P. Lublow

Votre référence/Your reference:

Notre référence/Our reference: AT-MAS/FS 7838

Geneva, March 14, 2006

Dear Sirs,

Subject: Manufacturing and inspection procedures

We are considering the installation on CERN site of Magnet Rescue Facilities. Such installations will be necessary to repair failures and/or breakages, which may affect the main dipole cold masses during the LHC commissioning and operation.

To this end, CERN is willing to collect as much information as possible on the production of the main dipole cold masses, including the manufacturing and inspection procedures. Indeed, at the time we will need them, the information and/or the production facilities may not be available anymore on your side.

Therefore, we kindly ask you to provide us with an electronic copy of each manufacturing and inspection procedure. The documents should cover the collared coils manufacture starting from the cable insulation and the cold mass assembling up to the final tests before delivery.

In order to illustrate these procedures, we would like to record short videos of the key manufacturing and inspection operations.

We are aware that the documents we are asking you are normally reserved for your exclusive use in production and that you may not like to distribute them outside for obvious reasons of protection of know-how but we can assure you that we would use them exclusively at CERN in

our Magnet Rescue Facilities. Of course, we would never distribute copy of any of these documents without your formal approval in written.

Upon confirmation of your acceptance in writing, we would organize visits to your works (with P. Martins and A. Musso for the collared coils part and with O. Crettiez and S. Cuzin for the cold mass part) in the next weeks to collect the requested information and to record the videos.

Hoping that you can respond positively to our request.

Best regards,

F. Savary

C.c.: M. Bajko, C. Bosteels, O. Crettiez, S. Cuzin, P. Fessia, A. Knezovic, P. Martins, A. Musso, G. de Rijk, L. Rossi, J. Vlogaert