

Giorgio Ambrosio

From: Ghosh Arup <akghosh_11786@yahoo.com>
Sent: Friday, December 20, 2024 10:01 PM
To: Giorgio Ambrosio
Cc: Gianluca Sabbi; Susana Izquierdo Bermudez
Subject: MQXFA20 Coil Acceptance Review Report

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Hi Giorgio,

After some deliberations, the Review Committee concluded the following:

1. We recommend that magnet MQXFA20 be assembled using the four FNAL Coils; 121, 125, 142 and 146.
2. We also recommend, since all the coils had a critical DR initially and subsequently repaired, that during the vertical cold test, after the magnet has been trained adequately, the magnet is held at the nominal current for 8 to 12 hours without quenching the magnet. This will fully qualify the magnet for the horizontal assembly in the cryostat.

We are providing these comments in advance of the formal Report so that work at LBNL can proceed,

I shall be submitting a Coil Acceptance Report in the New Year.

In the meantime I wish you Happy Holidays and a Successful New Year.

Arup