



CBI Services, Inc.

July 30, 1996

California Institute of Technology
LIGO Project
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Reference: Caltech Contract No. PC181520
LIGO Beam Tube Modules
Fabrication and Installation

Subject: RFI No. 21
CBI-CT-2.2 / 0128

Attached is a copy of RFI number 21 which proposes a slightly higher coil bake temperature and temperature range. The proposed minimum bake temperature is unchanged. The next coil material bake is currently scheduled to begin on Monday, August 5th and, as such, please respond by that date.

Your prompt response is appreciated.

Regards,

M. L. Telladian
Plainfield Engineering

CBI REQUEST FOR INFORMATION

CBI SERVICES

1501 N. Division St., Plainfield IL 60544-8929

LIGO BEAM TUBE MODULES

1. Transmittal Number: 2.2/0128

CBI RFI Number: 21

2. Date: July 30, 1996

Date: July 30, 1996

3. Sheet 1 of 1

4. Reference: Caltech Contract PC181520

5. Revision: 0

6. Coil Material Bake Temperature Range

Coil Material Bake Temperature Range

The coil bake requirements are contained in CBI specification C-CMBS1 entitled "Coil Material Bake Specification". As stated in paragraph 2.4, the material bake temperature range is 440 C +/- 8 C with a duration of 36 hours at temperature. CBI proposes that the temperature range be increased to ensure that the minimum temperature is maintained throughout the 36 hour bake. The proposed temperature range is 444 C +/- 12 C. The minimum temperature is unchanged and will remain 432 C. The maximum temperature will increase from 448 C to 456 C. This proposed slight increase in maximum temperature for the short duration of the material bake will not have a significant affect on the material.

Is a temperature range of 444 C +/- 12 C acceptable for the coil material bake?

7. Date Reply Required: 8/5/96

8. CBI Services 7/30/96
Originator Date

9. M. L. Tellalian
Name

10. Reply Found on Transmittal Number: _____

11. Distribution:

File 2.6 RFI Notebook

File 11.4.1