



The PHENIX CENTRAL MAGNET OPERATION INSTRUCTIONS

procedure name

PHENIX Procedure No. PP-2.5.1.3-01

Revision: A

Date: 03-02-00

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approvals

_____	_____	_____	_____
PHENIX S E & I	Date	Cognizant Scientist/Engineer /Activity Manager	Date
_____	_____	_____	_____

Procedure for Turning on the PHENIX Central Magnet

1.0 Purpose and Scope

The purpose of this procedure is to turn on and ramp the PHENIX Central Magnet (CM) to the desired field.

2.0 Responsibilities

The PHENIX shift leader is responsible for conducting the procedure.

3.0 Prerequisites

The PHENIX Run Coordinator shall have completed the requirements of PHENIX Procedure No. PP-2.5.1.3-01, "Procedure for Preparation of Central Magnet for Operation."

4.0 Precautions

None

5.0 Procedure

5.1 The PHENIX shift leader shall call the main control room to ask for approval to excite or change the settings of the PHENIX magnet. The power level should be given, namely 700 kW for full field or 175 kW for half field.

5.2 The PHENIX shift leader shall then use the PHENIX magnet control page to set the ramp speed followed by the current values for the magnet power supply. Copies of the control page giving the settings for full and half field have been given to all PHENIX Magnet Operators.

5.3 The PHENIX shift leader shall then excite the coils.

6.0 Documentation

None

7.0 References

None

8.0 Attachments

None