

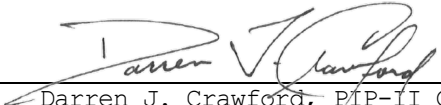
PROTON IMPROVEMENT PLAN II DIVISION PROCEDURE


OPERATIONS

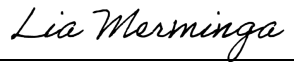
P2DP-OP-0007

PIP2IT ENCLOSURE ACCESS MODES

RESPONSIBLE DEPARTMENT: PIP-II Division

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1.0 PURPOSE AND SCOPE

The following document is provided to list and define the Proton Improvement Plan II (PIP-II) Injector Test (PIP2IT) enclosure access modes.

2.0 ACCESS MODES

There are 4 access modes for the PIP2IT enclosure.

2.1 No Access

No Access mode occurs when the accelerator is in operation or the PIP-II management has administratively denied access to the PIP2IT enclosure.

2.2 Controlled Access

Controlled Access mode follows the requirements established in training class FN000311/CR -Fermilab Controlled Access. A Controlled Access occurs when the PIP2IT enclosure safety system interlocks are still being monitored, no radiation survey has been performed so entrants must measure the radiation level, and power supplies with exposed leads have not been locked off. The Operations Coordinator or designee declares a Controlled Access of the PIP2IT enclosure and communicates the mode change to the Main Control Room (MCR). If a controlled access is required during a scheduled studies period, then the operator on shift can declare a Controlled Access and communicate the status change to the MCR.

2.3 Supervised Access

Supervised Access mode is declared by PIP-II personnel, namely, the Operations Coordinator or the ES&H Manager. PIP-II personnel or authorized operators can then drop the interlocks.

2.4 Open Access

Open Access mode occurs when the PIP2IT enclosure is in Supervised Access mode and changed from ODH Class 2 to ODH Class 0. Once Open Access mode is declared, the enclosure gates and doors are opened, and no enclosure keys are required for entry. This normally happens during long shutdown periods or VIP tours. The ODH class change is the responsibility of the Technical Division Cryogenics Department and the reclassification process is defined in TD Cryo document EN02214-PIP2IT.

3.0 DISTRIBUTION

An electronic copy of this procedure shall be made available through the PIP-II website (<http://pip2.fnal.gov/>) document database and a signed hard copy shall be maintained in the PIP2IT Control Room.