Introduction
Linac Complex (WBS 121.06.05)

S. Dixon

Requirements and Specifications Review

19 November 2019

In partnership with:
India/DAE
Italy/INFN
UK/STFC
France/CEA/Irfu, CNRS/IN2P3

Outline

- Logistics
- Introductions
- Review Agenda
- Review Charge

Logistics

- Safety
  - Exits
  - Serve Weather
  - Rally Point
- Bathrooms
- Links:
  - Requirements and Specification Review: ED0011070
  - Functional Requirements Specifications: ED0008043
  - Technical Requirements Specifications: ED0010906
  - Room Data Sheets: ED0009544
  - Indico Site: https://indico.fnal.gov/event/22297/

Review Committee

- A. Martinez, PIP-II
- G. Wu, APS-TD
- E. Harms, AD
- F.G. Garica, AD
- I. Kourbanis, AD
- E. Huedem, FESS/E
- R. Wielgos, FESS/E

Review Agenda

Tuesday, 19 November 2019

10:00 - 10:15	**Introduction** Convener: Steven Dixon (Fermi National Accelerator Laboratory)	▼
10:15 - 10:45	**Linac Complex Overview** Convener: Steven Dixon (Fermi National Accelerator Laboratory)	▼
10:45 - 11:30	Discussion	▼
11:30 - 11:40	Close Out	▼

Review Charge

An requirements and specification review (RSR) is held prior to establishing a subcontract with an architectural/engineering firm to develop detailed and final design documents. The RSR ensures alignment between the overall scientific goals and functional and technical requirements including those imparted by interfacing systems.

The review committee is requested to review the requirements and specifications for the Linac Complex to ensure alignment between the scientific goals and drivers, and functional and technical requirements. The review should address the following:

- Project level requirements
- System level requirements
- Requirement margins
- Operations requirements
- Reliability requirements
- Traceability to functional requirements
- Requirements validation processes

The outcome of the review is to ensure that the documented requirements have been incorporated into the design at an appropriate level for this stage of the project development.

End