

Subject: Interleaving power supply design review

Date: Fri, 27 Apr 2001 10:37:46 -0500

From: John Carwardine <carwar@aps.anl.gov>

Organization: Argonne National Laboratory

To: "Lenkszus, Frank" <frl@aps.anl.gov>, "Hillman, Al" <hillmana@aps.anl.gov>, "Laird, Bob" <laird@aps.anl.gov>, "Borland, Michael" <borland@aps.anl.gov>, "Markovich, Greg" <gmm@aps.anl.gov>, "Wang, Ju" <juw@aps.anl.gov>, "Sprau, Gary" <gas@aps.anl.gov>, "Yao, Chih-yuan" <cyao@aps.anl.gov>, "Fors, Tom" <tfors@aps.anl.gov>, "Maclean, John" <jfm@aps.anl.gov>, "Arnold, Ned" <nda@aps.anl.gov>, "Singh, Om" <singh@aps.anl.gov>, "Lewellen, John" <lewellen@aps.anl.gov>, "Noonan, John" <noonan@aps.anl.gov>, "Pfeffer, Howard" <Pfeffer@FNAL.GOV>, "Wolff, Dan" <WOLFF@FNAL.GOV>

CC: "Decker, Glenn" <decker@aps.anl.gov>, "Gerig, Rod" <rod@aps.anl.gov>, "Milton, Steve" <milton@aps.anl.gov>

All,

The design review for the interleaving power supply will be held on Thursday May 17th from 9am-12 noon. All those receiving this email are invited to attend.

The following APS staff have agreed to serve as review committee members:

John Lewellen
John Noonan
Ned Arnold

Additionally, Dan Wolff from Fermilab has kindly agreed that at least one power supply engineer from his department (himself, Howie Pfeffer, George Krafczyk) will serve on the review committee.

We plan on sending a complete presentation package to the reviewers by Monday May 14th.

The following is a tentative list of topics to be covered:

1. Purpose of Review and Charge to Committee
2. Customer Requirements
3. Project Overview
 - Technical
 - Schedule
 - Responsibilities and Resources
4. Power circuit design and Implementation
5. DSP Regulator/Controller Hardware and Software
6. EPICS Controls Interface
7. Compliance checklist
8. Test plan and performance verification

John