

March 3, 2005

MEMORANDUM TO: Jose Calvo, Branch Chief  
Electrical & Instrumentation and Controls Branch  
Division of Engineering

FROM: Ronaldo V. Jenkins, Section Chief ( / **RA by RVJenkins** )  
Electrical Engineering Section  
Electrical & Instrumentation and Controls Branch  
Division of Engineering

SUBJECT: SEMINAR ON SOLAR STORMS AND TERRESTRIAL EFFECTS

DATE & TIME: Wednesday, March 23, 2005  
9:00 a.m. to 3:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Commissioners' Briefing Room  
Rockville, Maryland 20852

PURPOSE: To provide information to the NRC staff and the public regarding the impact of solar storms on nuclear power plants.

CATEGORY 2: Public participation is anticipated at designated points in the agenda.

PARTIPANTS: Participants from the NRC include staff members interested in solar and grid issues. External participants include invited speakers from government and industry as well as the public.

AGENDA: Attached

CONTACT: Matthew McConnell, NRR  
(301)415-1597, [mxm4@nrc.gov](mailto:mxm4@nrc.gov)  
Mary Wegner, RES  
(301)415-6369, [mw1@nrc.gov](mailto:mw1@nrc.gov)

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DISTRIBUTION:  
 JACalvo  
 RVJenkins  
 DAJackson  
 MSWegner  
 MWMcConnell  
 EEIB R/F

**ADAMS/ACCESSION No.:ML050620243**

<b>OFC</b>	EEIB:NRR	SECY:EEIB:NRR	SC:EEIB:NRR
<b>NAME</b>	MWMcConnell	BParham	RVJenkins
<b>DATE</b>	03/03/05	03/03/05	03/03/05

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# U.S. Nuclear Regulatory Commission

Office of Nuclear Regulatory Research

and

Office of Nuclear Reactor  
Regulation

Contact: Mary Wegner  
[msw1@nrc.gov](mailto:msw1@nrc.gov) (301) 415-6369

1597

Contact: Matthew McConnell  
[mxm4@nrc.gov](mailto:mxm4@nrc.gov) (301) 415-

present a seminar

## Solar Storms and Terrestrial Consequences

The purpose of this seminar is to provide information to NRC staff and the public regarding the impact of solar storms on nuclear power plants.

Featuring: **Mr. John Kappenman, Metatech Corp.**  
**Dr. Ernest Hildner, Director, NOAA/SEC**  
**Mr. John Ponder, PJM**  
**Mr. Ben Damsky, EPRI Sunburst**

**Time:** March 23, 2005 from 9:00 - 3:00

**Place:** 11555 Rockville Pike  
Rockville, Maryland 20852  
The Commissioners' Briefing Room (OWFN)

### Details and Agenda

9:00 - 9:15	Introductory remarks
9:15 - 10:30	John Kappenman, Metatech Corp., Solar Magnetic Disturbances
10:30 - 10:45	Break
10:45 - 11:10	Dr. Ernest Hildner, NOAA/SEC - Detection and Warning
11:10 - 11:35	John Ponder – PJM - Receive Warning and Response
11:35 - 12:00	Ben Damsky, EPRI Sunburst – How research has Improved Detection and Response and Mitigated Effects
12:00 - 1:00	Lunch Break
1:00 - 3:00	Q&A Session and Public Comment Period