

August 23, 2007

MEMORANDUM TO: Thomas H. Boyce, Chief  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing

FROM: Stewart N. Bailey, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
BMoroney for /RA/

SUBJECT: FORTHCOMING MEETING WITH PROGRESS ENERGY FLORIDA

DATE & TIME: Friday, September 7, 2007  
9:00 a.m. to 12:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike, Room O-4 B6  
Rockville, Maryland

PURPOSE: To discuss the status of the power uprates at Crystal River Unit 3.

CATEGORY 1:\* This is a Category 1 Meeting: The public is invited to observe this meeting and will have one or more opportunities to communicate with the Nuclear Regulatory Commission (NRC) after the business portion, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR).

NRC  
T. McGinty  
T. Boyce  
S. Bailey  
et al.

LICENSEE  
D. Roderick  
D. Varner  
T. Williams  
K. Wilson  
P. Infanger  
P. Rose

Docket No. 50-302

Enclosure: Agenda

cc w/encl: See next page

CONTACTS: Stewart Bailey, NRR  
301-415-1321  
[snb@nrc.gov](mailto:snb@nrc.gov)

M. Vaaler, NRR  
301-415-3178  
[mgv@nrc.gov](mailto:mgv@nrc.gov)

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings"  
(67 FR 36920), May 28, 2002

AGENDA FOR THE SEPTEMBER 7, 2007, PUBLIC MEETING  
BETWEEN THE NRC AND PROGRESS ENERGY FLORIDA  
REGARDING THE STATUS OF POWER UPRATES AT  
CRYSTAL RIVER UNIT 3

AGENDA:

- I. Margin Uncertainty Recapture
  - A. License Amendment Request
    - 1. Submittals
    - 2. Requests for Additional Information
      - a.) Response Summary
      - b.) Feedback
    - 3. Technical Specification Changes
      - a.) Rated Thermal Power Definition
      - b.) Treatment of leading-edge flow meeter (LEFM) and Input Unavailability
      - c.) Current Proposal
  - B. Status of Engineering/Installation Activities
    - 1. Configuration Change (LEFM and Flow Straighteners)
    - 2. Completed Engineering Change Packages
    - 3. Preinstallation Testing Progress
    - 4. Installation Status
    - 5. Schedule
  
- II. Extended Power Uprate
  - A. Major Task Status
    - 1. NSSS
      - a.) License Amendment Request
      - b.) Safety and Transient Analysis
      - c.) Fuels
    - 2. Focus Areas
      - a.) Rapid Cooldown
      - b.) Core Flood Line Break
      - c.) Mass and Energy Input Validation
      - d.) Confirmation of Boron Precipitation Mitigation
      - e.) Ultimate Heat Sink Systems
    - 3. Turbine Generator
    - 4. Balance of Plant
    - 5. Schedule

Enclosure

MEMORANDUM TO: Thomas H. Boyce, Chief  
 Plant Licensing Branch II-2  
 Division of Operating Reactor Licensing

FROM: Stewart N. Bailey, Senior Project Manager  
 Plant Licensing Branch II-2  
 Division of Operating Reactor Licensing  
 BMoroney for /RA/

SUBJECT: FORTHCOMING MEETING WITH PROGRESS ENERGY FLORIDA

DATE & TIME: Friday, September 7, 2007  
 9:00 a.m. to 12:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
 One White Flint North  
 11555 Rockville Pike, Room O-4 B6  
 Rockville, Maryland

PURPOSE: To discuss the status of the power uprates at Crystal River Unit 3.

CATEGORY 1:\* This is a Category 1 Meeting: The public is invited to observe this meeting and will have one or more opportunities to communicate with the Nuclear Regulatory Commission (NRC) after the business portion, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR).

NRC  
 T. McGinty  
 T. Boyce  
 S. Bailey  
 et al.

LICENSEE  
 D. Roderick  
 D. Varner  
 T. Williams  
 K. Wilson  
 P. Infanger  
 P. Rose

Docket No. 50-302

Enclosure: Agenda

cc w/encl: See next page

CONTACTS: Stewart Bailey, NRR  
 301-415-1321  
[snb@nrc.gov](mailto:snb@nrc.gov)

M. Vaaler, NRR  
 301-415-3178  
[mgv@nrc.gov](mailto:mgv@nrc.gov)

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 FR 36920), May 28, 2002

DISTRIBUTION: See next page

ADAMS Accession No.: ML072350015

OFFICE	LPLII-2/PM	LPLII-2/LA	LPLII-2/BC
NAME	BMonroney for S Bailey	BClayton	BMoroney for T Boyce
DATE	08 / 23 /07	08 / 23 /07	08 / 23 /07

**OFFICIAL RECORD COPY**

SUBJECT: FORTHCOMING MEETING ON APRIL 27, 2007, WITH PROGRESS ENERGY  
FLORIDA

Date: August 23, 2007

DISTRIBUTION:

RidsNrrDorLpl2-2  
RidsOpaMailCenter  
RidsNrrLABClayton  
PUBLIC  
K. Clark, RII  
PMNS

RidsOgcMailCenter  
RidsAcrsAcnwMailCenter  
RidsNrrPMSBailey  
LPL2-2 R/F  
S. Campbell, EDO

RidsRgn2MailCenter  
RidsNrrAdro  
RidsNrrDorl  
T. Liu, NRR  
Receptionist (OWFN & TWFN)

Florida Power Corporation

Crystal River Nuclear Plant, Unit 3

cc:

Mr. R. Alexander Glenn  
Associate General Counsel (MAC-BT15A)  
Florida Power Corporation  
P.O. Box 14042  
St. Petersburg, Florida 33733-4042

Mr. Jon A. Franke  
Director Site Operations  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Michael J. Annacone  
Plant General Manager  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Senior Resident Inspector  
Crystal River Unit 3  
U.S. Nuclear Regulatory Commission  
6745 N. Tallahassee Road  
Crystal River, Florida 34428

Mr. Jim Mallay  
Framatome ANP  
1911 North Ft. Myer Drive, Suite 705  
Rosslyn, Virginia 22209

Ms. Phyllis Dixon  
Manager, Nuclear Assessment  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. William A. Passetti, Chief  
Department of Health  
Bureau of Radiation Control  
2020 Capital Circle, SE, Bin #C21  
Tallahassee, Florida 32399-1741

David T. Conley  
Associate General Counsel II - Legal Dept.  
Progress Energy Service Company, LLC  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

Attorney General  
Department of Legal Affairs  
The Capitol  
Tallahassee, Florida 32304

Mr. Daniel L. Roderick  
Vice President, Nuclear Projects &  
Construction  
Crystal River Nuclear Plant (SA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Craig Fugate, Director  
Division of Emergency Preparedness  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

Mr. David Varner  
Manager, Support Services - Nuclear  
Crystal River Nuclear Plant (SA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Chairman  
Board of County Commissioners  
Citrus County  
110 North Apopka Avenue  
Inverness, Florida 34450-4245

Mr. Dale E. Young, Vice President  
Crystal River Nuclear Plant (NA1B)  
ATTN: Supervisor, Licensing  
& Regulatory Programs  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Stephen J. Cahill (Acting)  
Engineering Manager  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708