

August 31, 2005

MEMORANDUM TO: Farouk Eltawila, Director  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

FROM: N. Prasad Kadambi */RA/*  
Advanced Reactors and Regulatory Effectiveness Branch  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

SUBJECT: FORTHCOMING MEETING WITH PEBBLE BED MODULAR  
REACTOR, (PTY) LTD. REGARDING PRE-APPLICATION REVIEW  
PLANNING ACTIVITIES

DATE AND TIME AND LOCATION: Wednesday, September 21, 2005, 9:00 a.m. – 5:00 p.m.  
U.S. Nuclear Regulatory Commission  
One White Flint North, Room O-12 B4  
11540 Rockville Pike  
Rockville, Maryland 20852

Thursday, September 22, 2005, 9:00 a.m. – 4:00 p.m.  
Two White Flint North, Room T-09 A1  
11545 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: To discuss planning for the Pebble Bed Modular Reactor (PBMR)  
pre-application review with a focus on selected topics, desired  
outcomes, and general planning discussions.

CATEGORY 1:\* The public is invited to observe this meeting and will have the  
opportunity to communicate with the NRC after the business portion of  
the meeting, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members from the Offices of Nuclear Regulatory Research (RES), Nuclear Reactor Regulation (NRR), Nuclear Security and Incident Response (NSIR), and Nuclear Material Safety and Safeguards (NMSS)

NRC

N. P. Kadambi, RES  
F. Eltawila, RES  
J. Rosenthal, RES  
J. Danna, RES  
W. Beckner, NRR  
L. Dudes, NRR  
J. Kim, NRR  
S. Morris, NSIR  
J. Clifford, NMSS  
S. Rubin, RES  
et. al.

PBMR (Pty) Ltd

E. Wallace, PBMR, Pty  
S. Ritterbusch, PBMR, Pty (Westinghouse)  
W. Kriel, PBMR, Pty (Westinghouse)  
et. al.

Attachment: Agenda

Project No.: 732

cc: See next page

CONTACT: N. Prasad Kadambi, RES  
301-415-5896, NPK@nrc.gov

\*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"  
67 *Federal Register* 36920, May 28, 2002.



Distribution for September 21-22, 2005, Meeting Notice dated August 31, 2005

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NPKadambi, RES  
SRubin, RES  
OWFN Receptionist  
TWFN Receptionist  
WBeckner, NRR  
LDudes, NRR  
JKim, NRR  
SMorris, NSIR

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RES Grp.

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RBorchardt, NRR  
DMatthews, NRR  
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GBagchi, NRR  
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MStutzke, NRR  
ESullivan, NRR  
JWilliams, NRR  
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JWilson, NRR

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RWeisman, OGC  
OGC  
OPA  
ACRS/ACNW  
JFlack, ACRS

RPierson, NMSS  
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Agenda for Public Meeting Regarding PBMR Pre-Application Review Planning  
September 21, 2005

<u>Time</u>	<u>Topic</u>	<u>Lead by:</u>
9:00 a.m.	Opening Remarks	NRC/PBMR (Pty) Ltd.
9:15 a.m.	Licensing-Basis Event Selection	PBMR (Pty) Ltd.
10:30 a.m.	Break	
10:40 a.m.	Structure, System and Component Classification	PBMR (Pty) Ltd.
11:50 a.m.	Physical Security Implications	PBMR (Pty) Ltd.
12:20 p.m.	Lunch	
1:20 p.m.	Codes & Standards and Materials Selection	PBMR (Pty) Ltd.
2:45 p.m.	Break	
3:00 p.m.	Codes & Standards and Materials Selection (cont'd)	PBMR (Pty) Ltd.
4:30 p.m.	Opportunity for Public Comment	All
4:45 p.m.	1 <sup>st</sup> Day Wrapup and Summary	NRC/PBMR (Pty) Ltd
5:00 p.m.	Adjourn	

**NOTE:**                    **Specific topics and associated discussion times may change without notice.**

**Contact:**  
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**301-415-5896, [npk@nrc.gov](mailto:npk@nrc.gov)**

Agenda for Public Meeting Regarding PBMR Pre-Application Review Planning  
September 22, 2005

<u>Time</u>	<u>Topic</u>	<u>Lead by:</u>
9:00 a.m.	Fuel Design and Qualification	PBMR (Pty) Ltd.
10:45 a.m.	Break	
10:55 a.m.	Computer Code Verification and Validation	PBMR (Pty) Ltd.
12:00 p.m.	Lunch	
1:00 p.m.	Single vs. Multi-Module Certification	PBMR (Pty) Ltd.
2:00 p.m.	Break	
2:15 p.m.	Conclusions and Next Steps	PBMR (Pty) Ltd.
3:00 p.m.	Discussion	NRC/PBMR (Pty) Ltd.
3:30 p.m.	Opportunity for Public Comment`	All
4:00 p.m.	Adjourn	

Combination List

cc:

Mr. Ralph Beedle, Senior Vice President  
and Chief Nuclear Officer  
Nuclear Energy Institute  
1776 I Street, NW Suite 400  
Washington, DC 20006-3708

Mr. David Lochbaum  
Union of Concerned Scientists  
1707 H Street, NW, Ste 600  
Washington, DC 20006-3919

R. Shane Johnson, Acting Director  
U.S. Department of Energy  
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Mr. Thomas Miller  
U.S. Dept. of Energy, NE-20, Room A-286  
Headquarters - Germantown  
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Dr. Regis Matzie  
Senior Vice President & Chief Technology Ofcr  
Member, PBMR Board of Directors  
Westinghouse Electric Co.  
20 Independence Road  
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Mr. Dieter Matzner  
Director, Power Plant Delivery  
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