



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 14 1988

MEMORANDUM FOR: Distribution

FROM: Thomas L. King, Chief, Advanced Reactors & Generic Issues
Branch, Division of Regulatory Applications, RES

SUBJECT: FINAL AGENDA, MEETINGS WITH DOE TO DISCUSS FUEL AND OTHER
KEY ISSUES REMAINING IN THE MHTGR REVIEW

The subject meetings will be held beginning at 9 am in NL/S in room 014 on March 17, 1988 for fuel issues and in room 013 on March 18, 1988 for the issues of graphite fire, augmentation of Amendment 8 responses, reactor vessel performance, mitigative features of the reactor building, and comparative safety enhancements. The final agenda is enclosed, which shows reference to comment numbers contained in the Morris to Nulton letter of March, 1988.

A handwritten signature in cursive script, reading "Thomas L. King".

Thomas L. King, Chief
Advanced Reactors & Generic Issues Branch
Division of Regulatory Applications, RES

Enclosure: Final Agenda

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PDR PROJ
672A PDR

Proj # 672

AGENDAPRESENTATION TO NRC ON FUEL DESIGN AND PERFORMANCE, 3/17/88

	<u>Amendment 9 Questions Addressed</u>	<u>Presenter</u>	<u>Time (Min.)</u>
<u>9:00 am</u>			
1. Introduction		DOE	15
2. Objective of Technical Presentations		GA	10
3. ORNL Perspective on Fuel Technology		ORNL	15
4. Normal Condition Performance (In Reactor)		GA	50
- Pressure Induced Failures (Standard/defective/weak particles)	4-53 (partial)		
- Kernel Migration	4-45E		
5. Off Normal Condition Performance		GA	120
- Data Base	4-45D, 4-46		
- Statistical Analyses	4-47		
- Joint US/FRG Failure Models (HTGR-107-85)	4-45B, C F, G, H thru M, 4-53 (partial)		
<u>12:30 pm - 1:30 pm</u>			
6. Performance Issues and Service Condition		GA	20
- Performance Issues	4-48 (partial)		
- Service Conditions	4-51 (partial)		
7. Fuel Tests Planned in RTDP		ORNL	90
- Tests for Validation of Models	4-45A, 4-48 (partial) 4-51 (partial), 4-49, 4-50		
- Integrated Fuel Proof Tests	4-54		
8. Quality Assurance for Fuel Mfg.	4-52	GA	20
9. Summary and Conclusions		GA/DOE	15
<u>4:00 pm</u>			

Adjourn

AGENDA

NRC BRIEFING

MARCH 18, 1988

<u>Topic</u>	<u>Amendment 9 Questions Addressed</u>	<u>Lead</u>	<u>Time</u>
<u>9:00 am</u>			
1. Introduction - Objective - Enhanced Safety	15-11	NRC/DOE	1/2 Hr
2. Background for BES Discussion	15-8	GA	1/2 Hr
3. BES Overview	15-7	GA	3/4 Hr
4. Vessel System	5-45 A, C, E, F, G, H, I, J, K, L, M	CE	1-1/2Hr
<u>12:15 pm</u>			
Lunch			
<u>1:15 pm</u>			
5. Pressurized Conduction Cooldown	5-43, 5-44 5-44D, 15-9	GA	1/2 Hr
6. Conduction Cooldown Without RCCS	6-6, 6-7, 6-9	GA	1/2 Hr
7. Reactor Building Attenuation	6-8	GA	1/4 Hr
8. Graphite Oxidation/Block Failure	15-9, 5-45B 4-55	GA	1/2 Hr
9. Comments on NRC Contractor Reports		GA	3/4 Hr
10. Conclusions		DOE	1/4 Hr
<u>4:00 pm</u>			
Adjourn			

MAR 23
MAR 14 1968

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PDR - Project 672

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