

December 05, 2003

Our File: 108US-01321-021-001
Your File: Project No. 722

Ms. Belkys Sosa
ACR Project Manager
US NRC – M/S 0-4D9A
11555 Rockville Pike
Rockville, MD 20852-2738
U.S.A.

Dear Ms. Sosa,

Reference:

1. Letter V. Langman to B. Sosa, "Phase 2 of ACR Pre-Application Review", July 30, 2003.

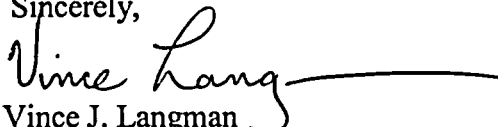
Re: Phase 2 of ACR Pre-Application Review – Revised Submission Schedule

The scope and submission schedule for Phase 2 of the ACR Pre-Application Review has been sent to the NRC in Reference 1. Based on the schedule outlined in Table 1 of Reference 1, we have submitted a number of reports as indicated in Attachment 1. Due to a labor dispute within AECL during late summer and fall, AECL has had to revise the submission schedule for some of the remaining reports as provided in attachment 2. The revisions were made in order to minimize the delays for the deliverables associated with key focus topics.

AECL staff continue to be available at any time to meet with the NRC staff and to discuss any technical issues or questions on the ACR-700 that may arise during Phase 2 of the ACR Pre-Application Review.

Please call me at (905) 823-9060, extension 6543, if you have any questions regarding this letter.

Sincerely,



Vince J. Langman
ACR Licensing Manager

/Attachments:

1. Phase 2 Reports Submitted to the NRC up to December 2003
2. Revised Submissions Schedule for Phase 2 of ACR Pre-Application Review

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Attachment 1

(Letter V. Langman to B. Sosa, "Phase 2 of ACR Pre-Application Review – Revised Submission Schedule", December 05, 2003)

Phase 2 Reports Submitted to the NRC up to December 2003

Report	Submission Date	Related to Focus Topic
Safety Basis for ACR	July 31, 2003	# 2
ACR PRA Methodology and Scope	July 31, 2003	# 11
Safety Analysis Computer Code Qualification – Status and Plans	August 05, 2003	# 12
Safety Analysis, Initial Conditions and Standard Assumptions	August 13, 2003	# 2
Technology of Fuel Channels	August 13, 2003	# 1 – Key Focus Topic
Technology of On-Power Fueling	September 12, 2003	# 8 – Key Focus Topic
ACR Severe Accident Progression	September 12, 2003	# 4
Safety Analysis Basis reports: - trip coverage - fuel and fuel channels - containment	September 30, 2003 September 30, 2003 November 25, 2003	# 2
ACR Anticipatory R&D	September 30, 2003	# 12
Severe Accidents R&D Program	November 14, 2003	# 4

Attachment 2

(Letter V. Langman to B. Sosa, "Phase 2 of ACR Pre-Application Review – Revised Submission Schedule", December 05, 2003)

Revised Submissions Schedule for Phase 2 of ACR Pre-Application Review

Report	Submission Date	Related to Focus Topic
Safety Analysis Basis reports: - thermal hydraulics (including physics)	January 15, 2004	# 2
Severe Accident Assessment and Mitigation	January 31, 2004	# 4
ACR Design Assist PRA Results	March 01, 2004	# 11
ACR design codes and standards	March 01, 2004	# 6
Safety Design Guides	March 31, 2004	# 5
CANFLEX fuel design for ACR	January 15, 2004	# 8 – Key Focus Topic
R&D Status Report	January 31, 2004	# 12
Report on safety analysis code validation methodology (compared to DG-1120)	March 31, 2004	# 3 – Key Focus Topic