

July 16, 2004

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108US-ACNU04-0013L  
Your File: Project No. 722

U.S. Nuclear Regulatory Commission,  
Document Control Desk,  
Washington, D.C. 20555

Attention: Ms. B. Sosa  
Project Manager, ACR

**Re: ACR-700 Thermal Hydraulic Test Facilities – Non-Proprietary Presentation Material**

On July 13, 2004, the NRC staff visited the Stern Laboratories located in Hamilton, Ontario, and on July 14 the NRC staff participated at a meeting with AECL on ACR-700 thermal hydraulic test facilities. During the July 14 meeting discussions, AECL made presentations and provided the NRC staff with information related to the meeting topic. Please find enclosed a CD containing non-proprietary versions of presentations and information as follows:

- Separate Effects Thermal Hydraulics Test Facilities
- CATHENA Simulation Results for CWIT Channel/ Feeder Refill Tests
- Header and Multiple Channel Behavior
- ACR RIH Header Dimensions
- Main RCS Feeders and Headers

If you have any questions on this letter and/or the enclosed material please contact me at (905) 823-9060 extension 6543.

Yours sincerely,



*for:* Glenn Archinoff  
ACR Licensing Manager

/Enclosures:

1. CDs containing the non-proprietary presentations and information as mentioned in this letter

*DD70*

**From:** "Ion, Robert" <ionr@aecl.ca>  
**To:** "James Kim" <JSK@nrc.gov>  
**Date:** 8/11/04 4:57PM  
**Subject:** RE: Non-Proprietary Presentation Material for July 14

Jim,

None of the non-proprietary version of Paul Ingham (Separate Effects of T/H Test Facilities) and Nik Popov (CATHENA Simulation Results) presentation materials that contain pages marked "Protected-Proprietary" should contain data on them.

Some of the "Protected-Proprietary" marked pages in the non-proprietary version of Paul Ingham (Separate Effects of T/H Test Facilities) and Nik Popov (CATHENA Simulation Results) presentation materials have text on them, but the text is non-proprietary in nature (the proprietary words, paragraphs or data have been removed from those pages and can be found only in the proprietary version of the presentation materials).

We have kept the "Protected-Proprietary" marking on those pages as marked in the proprietary version presentation, but the actual proprietary information has been deleted from the pages of the non-proprietary version presentation.

Therefore, it is OK that the non-proprietary version of the presentations we have sent you be placed in the public domain of ADAMS.

Best regards,  
Robert

-----Original Message-----

**From:** James Kim [mailto:JSK@nrc.gov]  
**Sent:** Tuesday August 10, 2004 1:35 PM  
**To:** ionr@aecl.ca  
**Subject:** Non-Proprietary Presentation Material for July 14

Robert,  
The non-proprietary version of Paul Ingham (Separate Effects of T/H Test Facilities) and Nik Popov (CATHENA Simulation Results) presentation materials contain pages marked "Protected-Proprietary" with text and data on them. We need an e-mail response from AECL whether these pages with "Protected-Proprietary" marking are indeed non-proprietary and O.K. to place them in the public domain of ADAMS.

Thanks  
Jim