

OFFICE OF THE SECRETARY  
CORRESPONDENCE CONTROL TICKET

*H. Magye*  
*A. Chabette*  
*3. Conky note*

Date Printed: Dec 15, 2006 11:10

PAPER NUMBER:

LTR-06-0636

LOGGING DATE:

12/14/2006

ACTION OFFICE:

OIP / EDO

*4. log track*

AUTHOR:

M. Magugumela

AFFILIATION:

AFRICA

ADDRESSEE:

Dale Klein

SUBJECT:

Obtaining MACCS2 software from the U.S. NRC

*Jane,*  
*Please see*  
*Jamcis note*  
*to track*

ACTION:

Appropriate

DISTRIBUTION:

Chairman, Comrs

*Thanks,*  
*Magye*

LETTER DATE:

07/04/2006

ACKNOWLEDGED

No

SPECIAL HANDLING:

OIP/EDO for Appropriate Action..

NOTES:

This letter was received in OIP on Dec 12, 2006 via email due to difficulty in electronic transmission from South Africa (NNR)

FILE LOCATION:

ADAMS

DATE DUE:

DATE SIGNED:

*OIP # 1388*



This letter was received in OIP on December 12, 2006 via e-mail due to difficulty in electronic transmission from South Africa (NNR).

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LB/35/3/1

4 July 2006

Dr Dale Klein  
Chairperson  
United States Nuclear Regulatory Commission  
Washington, DC  
20555-0001  
USA

Dear Dr Klein

**OBTAINING MACCS2 SOFTWARE FROM THE US NUCLEAR REGULATORY COMMISSION (NRC)**

The National Nuclear Regulator (NNR) understands that one of its licensees, Eskom (the South African electricity utility operator of the Koeberg Nuclear Power Station), has contacted the USNRC with the intention of obtaining the MACCS2 computational code. As the NRC has an existing bilateral agreement with the South African National Nuclear Regulator (NNR), Eskom was advised that rather the NNR should have been requested to obtain the code from the USNRC within the provisions of this bilateral agreement.

Currently the NNR is using PC-COSYMA to model the consequences to the public of radioactive material released to the atmosphere from nuclear installations. However, PC-COSYMA is no longer supported by the developers of the code and therefore the NNR has decided to switch to the MACCS2 code.

We wish to request your assistance in providing the MACCS2 code to the NNR with a possible extension of its use to industry. A similar arrangement was entered into previously with the USNRC on the Relap 5 computational code, which included sharing the code with Eskom. Please indicate the costs, if any, for providing the code to the NNR and extending its use to Eskom.

Please do not hesitate to contact us should you have any questions in this regard.

Yours sincerely

**M MAGUGUMELA**  
**CHIEF EXECUTIVE OFFICER**

**Mission Statement**

To provide effectual national regulatory control for the protection of persons, property and environment against nuclear damage.