



**CNS**

**PRESENTATION TO THE ANNUAL MEETING OF THE INES  
NATIONAL OFFICERS, VIENNA, 22 - 24 OCTOBER 1997**

**EXPERIENCE of the SOUTH AFRICAN REGULATORY AUTHORITY in  
the USE of INES**

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## **1. INTRODUCTION**

I am the INES National Officer for South Africa and I am employed by the Council for Nuclear Safety (CNS) which is the nuclear regulatory body in South Africa. It's licensees include Eskom (the operator of Koeberg Nuclear Power Station), the Atomic Energy Corporation (AEC), Vaalputs (National Waste Repository) and various Mining and Minerals Processing facilities.

Mr Stott of Eskom will report on his company's progress with INES.

I shall briefly discuss the INES situation with the other licensees of the CNS.

I must also add that an IAEA-INES seminar was held in South Africa in October/November 1996 to further inform licensees and the media of INES.

## **2. ATOMIC ENERGY CORPORATION (AEC)**

The AEC includes facilities such as a research reactor, uranium conversion, uranium enrichment, isotope production as well as being the licensee for the Vaalputs national waste repository.

Since our last Annual Meeting, the AEC has decided to implement INES and I have given a presentation to AEC management on the scale and the processes involved. The AEC is currently preparing internal procedures to implement INES.

## **3. MINING AND MINERALS PROCESSING FACILITIES**

As reported at last year's Annual Meeting, potential sources of public and worker exposure can and do occur at these facilities. Although it was agreed at the Meeting that INES can be applied to these facilities, no facility to date has adopted the use of INES.

## **4. EVENTS REPORTED TO INES**

Two level 2 events were reported by Eskom during the past year and Mr Stott will discuss these events.

## 5. FUTURE ACTIVITIES

INES training seminars will be conducted on an ongoing basis with licensees and the media.

It has been found that the media, although repeatedly invited to training seminars, have not been particularly responsive to these invitations. South Africa would welcome any suggestions from other National Officers on how to overcome this situation.