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INTERNATIONAL ATOMIC ENERGY AGENCY
AGENCE INTERNATIONALE DE L'ENERGIE ATOMIQUE
МЕЖДУНАРОДНОЕ АГЕНТСТВО ПО АТОМНОЙ ЭНЕРГИИ
ORGANISMO INTERNACIONAL DE ENERGIA ATOMICA

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1988-02-03

Dear Ms. Krishnaja,

I am happy to send you the promised book on "Biological Indicators for Radiation Dose Assessment". This book is the result of a workshop which took place in the Federal Republic of Germany in 1983, organized by the Institute for Radiation Hygiene of the Federal Health Office. The status of biological dosimetry is reviewed and it can be summarized that, according to the current level of knowledge, biochemical indicators will be particularly suitable to identify acute radiation exposures and decide immediate medical procedures. Special methods, e.g. electron-spin resonance examination of hair and nails, will be suitable biological indicators for dose assessment. Among cytological indicators, Chromosome Aberration Analysis (CAA) was introduced long ago in the practice of biological dose determination. However, new staining techniques are being developed and the automated scoring of metaphases and identification of chromosome aberrations increase the rapidity of analysis. Further cytological indicators of potential practical use are under investigation.

I hope the book will be useful and I wish you all the best for your future work in this field.

Yours sincerely,

A.-M. Schmitt (Ms.)
Division of Nuclear Safety

Enclosure

Ms. A.P. Krishnaja
Molecular Biology and Agriculture Division
Bhabha Atomic Research Centre
Trombay
Bombay 400 085
India

ROUTING SLIP

TO: 1. Dr. Krishnaja
2. _____
3. _____
4. _____

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Thank you so much for your nice letter, I wish you and your husband all the very best for the future!

FROM: A.-M. Schmitt DATE: _____

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