



B A P E T E N

**INTERNATIONAL ARRANGEMENT
FOR
INCREASING SAFETY
OF
RESEARCH REACTORS**



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INTRODUCTION

(ISSUE NO. 4 PARA I Rationale)

1. AGEING OF THE FACILITY
2. UNCERTAIN STATUS
3. INADEQUATE REGLTR SUPERVS
4. LACK OF QA PROGRAM
- LACK OF SAFETY REASSESSMT
6. LACK OF UTILIZATION PROGR
- INADEQUATE SAFETY DOC-TION
8. LACK OF FINANCIAL SUPPRT
- INADEQUATE EMERGNCY PREP
10. WEAK SAFETY CULTURE
- LOSS OF EXPERT & CORP MEMRY
12. LACK OF SPAREPARTS
- INADEQUATE TRAINING AND QUALIFICATION OF REG & OPERATORS

IAEA : INSARR; IRRT; IRSRR

INSAG : IN SPITE OF PROMPT REACTION THE PROBLEM REMAINS VERY SERIOUS

ADDING A PROTOCOL TO NSC TO VOVER RR



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QUESTION BEFORE US

WHAT IS THE MOST APPROPRIATE MODALITY FOR AN INTERNATIONAL ARRANGEMENT WHICH WILL BE EFFECTIVE IN INCREASING THE OVERALL SAFETY OF RESEARCH REACTORS AND WILL ALSO INDUCE MAXIMUM PARTICIPATION OF MEMBER STATES WORLDWILDE



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- INSAR**
- ADDITIONAL PROTOCOL ON
NUCLEAR SAFETY CONVENTION**
- INTERNATIONAL COMMITTEE ON
RESEARCH REACTOR SAFETY**



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INSAR

- Based on request by Member States
- Recommendations
- Establish Independent Regulatory Body

ADDITIONAL PROTOCOL ON NSC

- Establish Independent Regulatory Body
- More common
- Less costly
- Rather passive



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INTERNATIONAL WORKING COMMITTEE ON RR SAFETY

- **Members selected from regional grouping of IAEA (North America, Latin America, Western Europe, Eastern Europe, Africa, MESA, SEA and the Pacific, Far East)**
- **Two countries from each regional group, each country – 2 person**
- **Membership for two years**
- **Binding**
- **Rather active arrangement**



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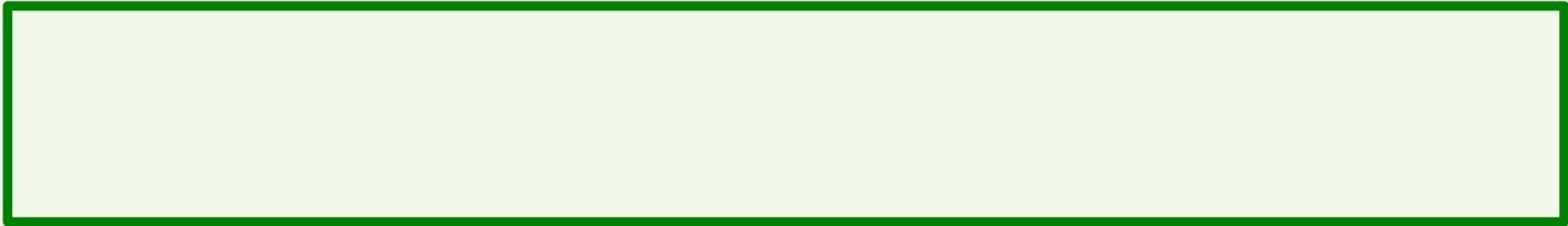
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