

*Survey*

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OSI-WS-11/71

15 March 1971

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DIRECTORATE OF  
SCIENCE & TECHNOLOGY

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# WEEKLY SURVEYOR

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**WEEKLY SURVEYOR**

OSI-WS-11/71

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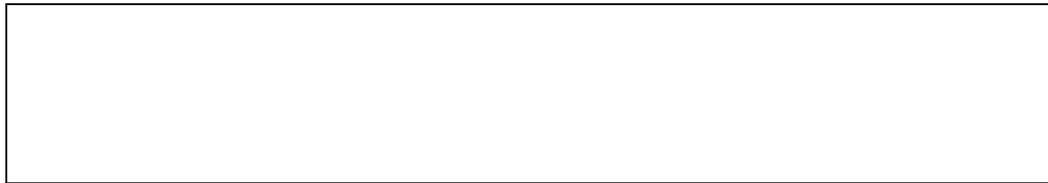
Directorate of Science and Technology

This publication is intended to furnish the intelligence community with a timely survey of significant current scientific intelligence. The items herein are based on selected incoming reports of all kinds received during the previous week. The comments represent the views of the Office of Scientific Intelligence and the Foreign Missile and Space Analysis Center and are coordinated to the extent possible in the time available within CIA but, being based on the material at hand, are subject to change on receipt of further information or analysis. We caution against action taken solely on the basis of the preliminary evaluations herein. Substantive questions concerning items in this publication may be addressed directly to the Surveyor Staff, OSI, CIA Headquarters, Langley. [redacted] Questions concerning distribution should be forwarded through appropriate departmental channels.

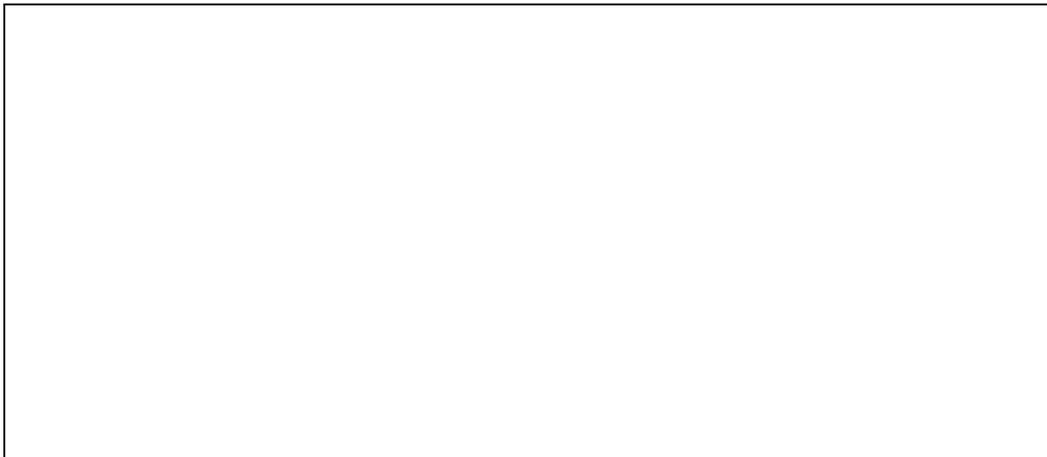
CONTENTS

Page No.

NUCLEAR ENERGY



France Plans an Increased Nuclear Power Program . 1



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CONTENTS (Continued)

Page No.

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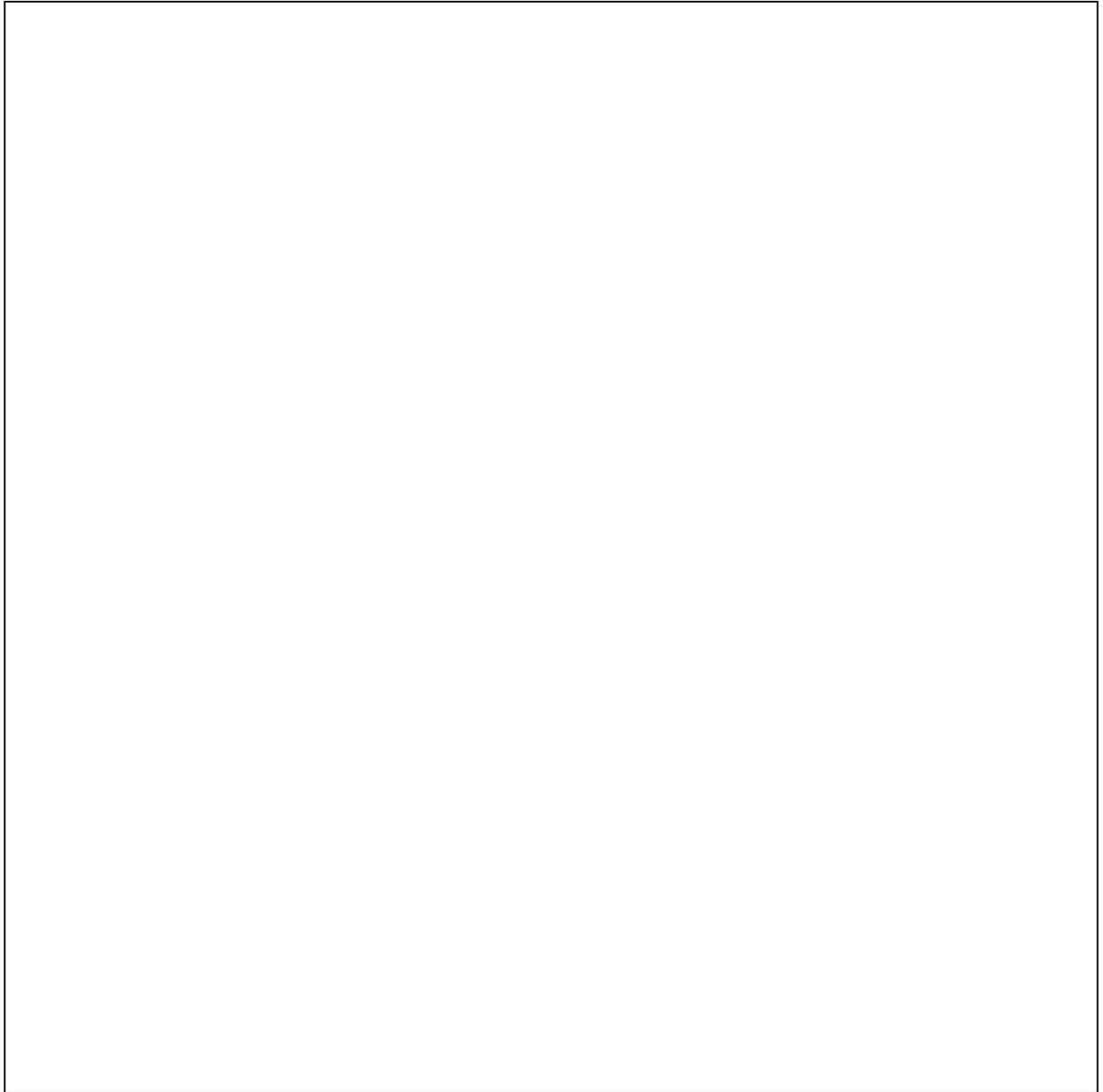


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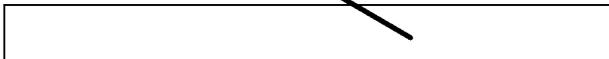
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NUCLEAR ENERGY



France Plans an Increased Nuclear Power Program: The French Council of Ministers has decided to increase the total nuclear electrical capacity to be placed under construction in the

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next five years to 8,000 MWe (8-10 new plants). These will be light water reactors, both pressurized water and boiling water, using low enriched uranium fuel. The fuel for the first of these reactors will be toll enriched in the United States but French officials say this cannot continue indefinitely. [redacted]

Comment: France has already started one PWR at Fessenheim and has indicated that its new power reactors would be light water moderated but not necessarily pressurized water moderated. [redacted]

[redacted] licenses could be obtained for use of US reactor technology. However, French industry wants to become independent of buying US components. France has a uranium isotope enrichment plant at Pierrelatte but the product from that plant is too expensive to use in power reactors. France is trying to create enough interest among the European countries to warrant the construction of a new gaseous diffusion plant for producing low enriched fuel for power reactors. [redacted]

[redacted]