

JAN 24 1975

Locket No. 50-313

Arkansas Power & Light Company
ATTN: Mr. D. Phillips
Senior Vice President
Production, Transmission,
and Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

License No: DPR-51
Facility: Arkansas 1

Gentlemen:

As a result of the Commission's continuing efforts to simplify the licensing process, we have reviewed the manners in which special nuclear, byproduct, and source materials used in connection with the operation of nuclear power facilities are licensed. Our review disclosed that many licenses list each item separately, thereby requiring a license amendment for almost any change in licensed materials. Fewer applications for license amendments would be necessary if the licensing provisions for these materials were as set forth in the enclosed Standard License Format (Enclosure 1). Regulatory Guide 1.70.3 "Additional Information Radioactive Materials Safety for Nuclear Power Plants" dated February 1974 (Enclosure 2) identifies the information necessary to substantiate the more generalized license provision.

Our objective is to incorporate the generalized provision into existing licenses so as to reduce the number of licensing actions that are required. To accomplish this, we request that you provide the information described in the following paragraph prior to or in conjunction with the next occasion you have to request amendment to this portion of your license. Experience has shown that the need to change possession limits quite often arises unexpectedly and the change is needed very quickly. To avoid the possibility of delays in such instances, you may wish to amend your license provisions separately and in advance of any specific need.

Your application should be submitted with three signed and notarized originals and thirty-seven additional copies and should include:

1. A proposed amendment to the license conditions relating to possession and use limits in the format suggested in Enclosure 1.

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Materials required in excess of the quantities identified in Table 1 of Regulatory Guide 1.70.3 should be specifically identified in your application;

2. Proposed technical specifications and bases for leak testing and surveillance of sealed sources similar to those in the sample provided as Enclosure 3; and
3. A revision to your FSAR containing the information described in Regulatory Guide 1.70.3.

Please advise us of your plans for submitting the suggested application for a license amendment.

Sincerely,

Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Reactor Licensing

Enclosures:

1. Standard License Format
2. Regulatory Guide 1.70.3
3. Technical Specifications

cc w/enclosures:
See next page

DISTRIBUTION

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Roberta Ingram

*Using outline:
Reg Guide 1.70.3*

OFFICE	L:ORB #2	L:ORB #2	L:ORB #2		
SURNAME	<i>RMDiggs</i> RMDiggs/tc	<i>FDAnderson</i> FDAnderson	<i>DLZiemann</i> DLZiemann		<i>Joseph E.</i>
DATE	1/23/75	1/23/75	1/24/75		

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cc w/enclosures:

Horace Jewell

Horace, Holms & Jewell

1550 Tower Building

Little Rock, Arkansas 72201

Mr. William Cavanaugh, III

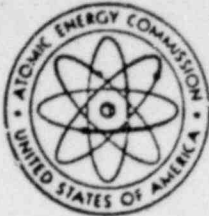
Production Department

Post Office Box 551

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Arkansas Polytechnic College

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U.S. ATOMIC ENERGY COMMISSION

REGULATORY GUIDE

DIRECTORATE OF REGULATORY STANDARDS

REGULATORY GUIDE 1.70.3

ADDITIONAL INFORMATION
RADIOACTIVE MATERIALS SAFETY FOR NUCLEAR POWER PLANTS

A. INTRODUCTION

In October 1972, the Commission issued Revision 1 of the "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants."¹ This document provides a standard format for the safety analysis reports required by the Commission's regulations and identifies the principal information needed by the Regulatory staff in order to conduct its safety evaluations.

In its review of recent applications for construction permits and operating licenses, the Regulatory staff has identified information that has often been missing from these safety analysis reports. To obtain the information needed to perform its evaluation, the staff has had to request this information by directing written questions to each applicant. The Foreword of the Standard Format states: "Any revisions of the Commission's needs for information will be conveyed to the industry and the public in various ways such as (1) amendments to the Standard Format, (2) in the Information Guide series, (3) as part of future Safety Guides, or (4) in Public Announcements." This guide identifies information related to radioactive materials safety that has often been missing from the applicant's safety analysis report at the operating license stage of review.

The Commission plans to revise the Standard Format within the next year to include this modification. In the interim, the information requested here should be included in safety analysis reports submitted for AEC review.

B. ADDITIONAL INFORMATION

The additional information requested should be incorporated into Chapter 12 of the safety analysis

¹ The "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants" has been designated as Regulatory Guide 1.70.

USAEC REGULATORY GUIDES

Regulatory Guides are issued to describe and make available to the public methods acceptable to the AEC Regulatory staff of implementing specific parts of the Commission's regulations, to delineate techniques used by the staff in evaluating specific problems or postulated accidents, or to provide guidance to applicants. Regulatory Guides are not substitutes for regulations and compliance with them is not required. Methods and solutions different from those set out in the guides will be acceptable if they provide a basis for the findings requisite to the issuance or continuance of a permit or license by the Commission.

Published guides will be revised periodically, as appropriate, to accommodate comments and to reflect new information or experience.

report as indicated below. Section 12.4 should be added as follows:

12.4 Radioactive Materials Safety (FSAR)

12.4.1 Materials Safety Programs

Describe the program which will be implemented to assure the safe storage, handling, and use of sealed and unsealed special nuclear, source, and byproduct materials. Other sections of the FSAR may be referenced to the degree they are applicable.

12.4.2 Facilities and Equipment

Describe the laboratory facilities and equipment such as hoods, gloveboxes, filters, survey and measuring instruments, and monitoring devices. Other sections of the FSAR may be referenced to the degree they are applicable.

12.4.3 Personnel and Procedures

Describe the experience and qualifications of the key personnel responsible for handling and monitoring the materials. Identify and summarize the content of the radiation safety instructions to working personnel appropriate to the operations to be covered. Other sections of the FSAR may be referenced to the degree they are applicable.

12.4.4 Required Materials

Provide a listing of isotope, quantity, form, and use

DUPLICATE DOCUMENT

Entire document previously
entered into system under:

ANO

7911040098

No. of pages: