



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 10, 2003

LICENSEE: Entergy Operations Inc.  
FACILITY: Arkansas Nuclear One - Unit 2  
SUBJECT: PUBLIC INFORMATION SESSION FOR THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF TO DESCRIBE ITS LICENSE RENEWAL PROCESS AND TO DISCUSS HOW THE PUBLIC CAN PARTICIPATE IN THE LICENSE RENEWAL PROCESS

On November 18, 2003, the NRC staff met with members of the public to describe the license renewal process that will be used to evaluate the license renewal application (LRA) for the Arkansas Nuclear One, Unit 2 (ANO-2). The NRC staff presented an overview of the license renewal process that included a detailed discussion of the safety review process. The presentation emphasized the NRC's commitment to increasing public confidence in the regulatory process. As part of the presentation, the NRC included an explanation of how the public can participate in license renewal at various stages of the safety and environmental reviews.

A handwritten signature in black ink, appearing to read "Gregory F. Suber". Above the signature, the initials "RA" are written.

Gregory F. Suber, Project Manager  
License Renewal Section A  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-368

Enclosures: 1. Meeting Attendees List  
2. Meeting Agenda  
3. Meeting Slides

cc w/encl: See next page

## Meeting Attendance List - November 18, 2003

<u>Name</u>	<u>Organization</u>
Dan Zerh	Arkansas Democrat-Gazette
Bernie Burell	Arkansas Department of Health
Glenn Ashley	Entergy
Sherrie Cotton	Entergy
Alan Cox	Entergy
Natalie Mosher	Entergy
Michael Stroud	Entergy
Garry Young	Entergy
Ed Crow	NRC
Richard Deese	NRC
John Dixon	NRC
Johnny Eads	NRC
Pao-Tsin Kuo	NRC
Samson Lee	NRC
Gregory Suber	NRC
Dewey Traylor	Pope County Office of Emergency Response

**AGENDA FOR PUBLIC INFORMATION  
SESSION FOR THE NRC STAFF TO  
DESCRIBE THE LICENSE RENEWAL PROCESS**

**RUSSELLVILLE, ARKANSAS  
HOLIDAY INN, NEBO ROOM  
AGENDA**

**(Times are approximate)**

**November 18, 2003**

- |      |   |                       |
|------|---|-----------------------|
| I.   | Introduction/Opening remarks                      | 7:00 p.m. - 7:15 p.m. |
| II.  | Presentation of the NRC's license renewal process | 7:15 p.m. - 8:00 p.m. |
| III. | Public Questions                                  | 8:00 p.m. - 8:30 p.m. |
| V.   | Adjourn   | 8:30 p.m.             |



# License Renewal Process Public Information Session Arkansas Nuclear One - Unit 2

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Nuclear Regulatory Commission  
November 18, 2003



# Purpose of Today's Meeting

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- Describe the NRC's license renewal process
- Describe the safety review process
- Explain Public Participation Process
- Describe how to get additional information



# NRC Regulation

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- Atomic Energy Act of 1954
  
- Title 10 of the Code of Federal Regulations  
Part 54



# Arkansas Nuclear One - Unit 2

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- Application dated October 14, 2003
  - Current License Expires July 17, 2018
  - Request for extension of operating license for an additional 20 years



# NRC's License Renewal Review

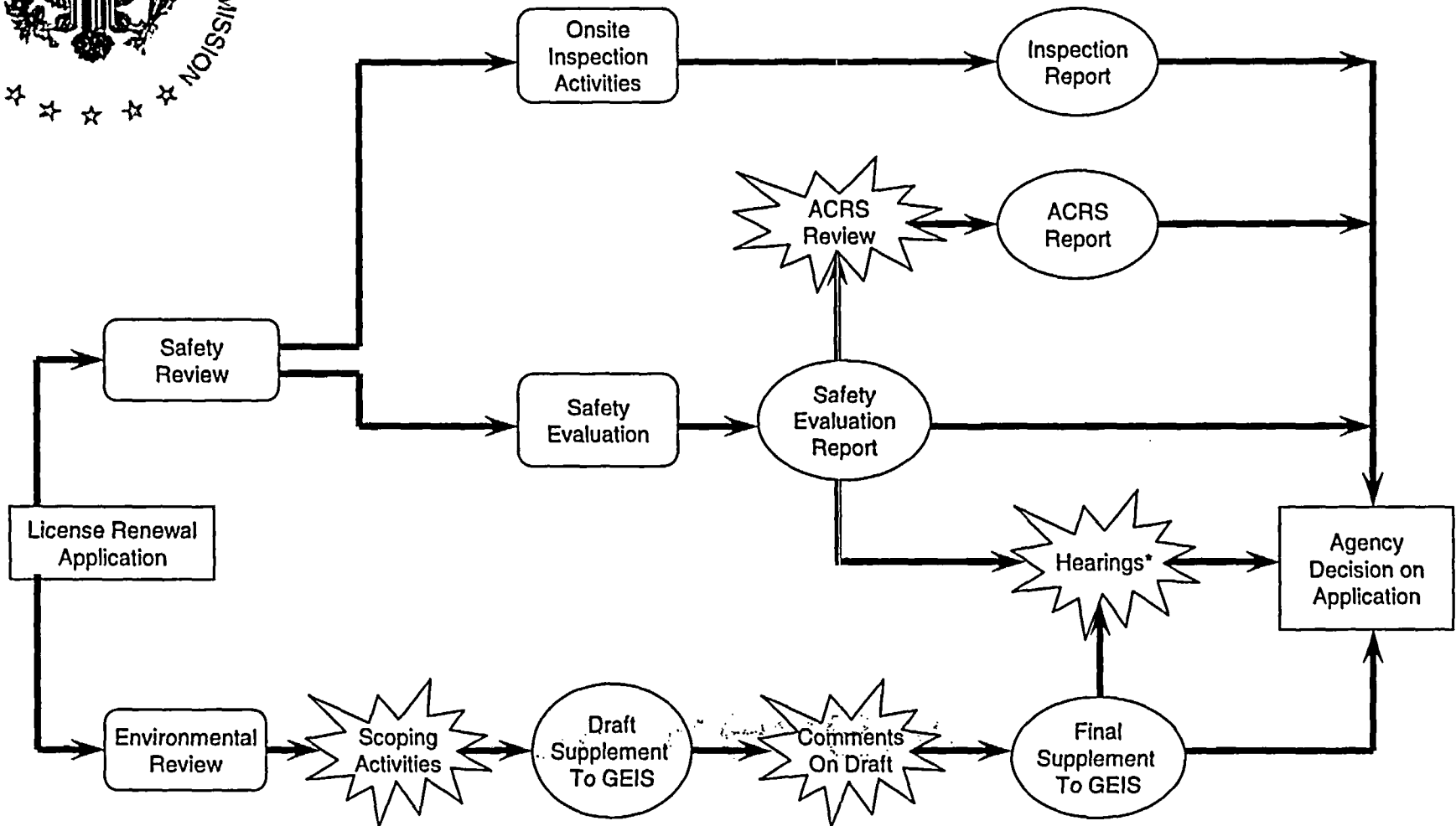
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- Safety Review
- Environmental Review
- Plant Inspections
- Advisory Committee on Reactor Safeguards (ACRS)





# License Renewal Process



 Formal Public Participation

\*If a request for hearing is granted



# Principles of License Renewal

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- Regulatory process is adequate for ensuring safety of operating plants
- Current licensing basis is adequate and carries forward into period of extended operation.



# GENERIC AGING LESSONS LEARNED (GALL)

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- Generic Aging Lessons Learned  
(NUREG-1801) – a report developed from a systematic compilation of plant aging management information gathered from NRC studies and industry experience



# TEN GALL ATTRIBUTES

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- SCOPE
- PREVENTIVE ACTION
- PARAMETERS MONITORED/INSPECTED
- AGING EFFECT
- MONITORING AND TRENDING
- ACCEPTANCE CRITERIA
- CORRECTIVE ACTIONS
- CONFIRMATION PROCESS
- ADMIN CONTROLS
- OPERATING EXPERIENCE



# Safety Review Process

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- Detailed Technical Evaluation
  - Aging Management Review
  - Audit Programs
  
- On-Site Plant Inspections
  - Scoping and Screening Inspection
  - Aging Management Program Inspection



# Detailed Technical Evaluation

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- Focuses on Passive Long-Lived Systems, Structures, and Components
  - Evaluates effectiveness of aging management programs
  - Analyzes Time-Limited Aging Effects



# Scope of License Renewal Rule

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- Safety related systems, structures, and components relied upon to:
  - Maintain integrity of the reactor coolant pressure boundary
  - Ensure capability to shut down and maintain a safe shutdown condition
  - Prevent or mitigate offsite exposures



# Scope of License Renewal Rule (Cont'd)

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- Non-safety related systems, structures, and components whose failure could prevent safety related functions, as outlined above.
- Systems, structures, and components relied upon for compliance with regulations: Fire Protection, Environmental Qualification, Pressurized-Thermal Shock, Anticipated Transients without Scram (ATWAS), and Station Blackout





# Safety Evaluation Report

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- Documents the basis and conclusion of the staff's Safety Review
- ACRS provides independent review



# Opportunities for Public Participation

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- 30-Day Opportunity for Hearing
- Environmental Scoping Public Meeting
- Draft Environmental Impact Statement Public Meeting
- ACRS Meetings
- Public Meetings on Safety Review



# Point of Contact

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- Agency point of contact:  
Gregory F. Suber  
(800) 368-5482 extension 1124
- Documents are located at the Ross Pendergraft Library at Arkansas Tech University
- Documents can also be viewed at the NRC's Web site ([www.nrc.gov](http://www.nrc.gov))



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/RA/


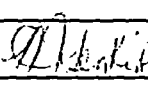
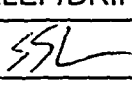
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OFFICE	PM:RLEP/DRIP	LA:RLEP	SC:RLEP/DRIP
NAME	GSuber 	MJenkins 	SLee 
DATE	12/19/03	12/19/03	12/18/03

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DISTRIBUTION: Licensee: Entergy Operations Inc, Re: Arkansas Nuclear One - Unit 2  
Dated: December 10, 2003

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RLEP RF  
Project Manager

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