



# WEB- BASED RELIEF REQUESTS

LICENSEE  
INTRODUCTION

PRESENTERS: JASON DRAKE AND MAGGIE O'BANION

JUNE 25, 2020

## DISCUSSION TOPICS



Overview of Web-based  
Licensing (WRR) project



Licensee submissions



Electronic safety evaluation (eSE)



Questions

# OVERVIEW



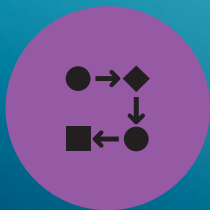
# LICENSEE SUBMISSIONS



WEB-BASED  
MICROSOFT FORM  
SOLUTION



AVAILABLE NOW



METHODOLOGY  
CHANGE FOR  
LICENSEE SUBMISSION



DEMONSTRATION AND  
EVALUATION



# LICENSEE SUBMISSIONS



U.S.NRC  
United States Nuclear Regulatory Commission  
*Protecting People and the Environment*

SEARCH



REPORT  
A SAFETY CONCERN

NUCLEAR REACTORS

NUCLEAR MATERIALS

RADIOACTIVE WASTE

NUCLEAR SECURITY

PUBLIC MEETINGS & INVOLVEMENT

NRC LIBRARY

ABOUT NRC

PRINT 

Home > About NRC > NRC COVID-19 Update > COVID-19 Regulatory Activities for Nuclear Reactors > 10 CFR 50.55a Codes and Standards



## COVID-19 Regulatory Activities for Nuclear Reactors

Office of Nuclear Reactor Regulation

Nuclear Reactors COVID-19 Activities:

[10 CFR Part 20](#) | [10 CFR Part 26](#) | [10 CFR 50.48](#) | [10 CFR 50.55a Codes & Standards](#) | [Owner's Activity Reports](#) | [10 CFR Part 55](#) | [10 CFR Part 73](#) | [Research & Test Reactors](#) | [Resident Inspectors](#) | [Licensing Actions](#)



### 10 CFR 50.55a Codes and Standards

 Online Submissions Now Available

# LICENSEE SUBMISSIONS

CONFIRMATION: Submittal of 10 CFR 50.55a Request for Alternative - Message (HTML)

File Message Help ADAMS Acrobat Tell me what you want to do

Ignore Delete Archive Reply Reply All Forward Meeting WRR Team Email Reply & Delete To Manager Done Create New Move OneNote Actions Assign Mark Categorize Follow Up Policy Unread Translate Read Aloud Zoom Insights

CONFIRMATION: Submittal of 10 CFR 50.55a Request for Alternative

Web-Based Relief Requests Resource  
To Vinta, Naveen  
Retention Policy 7 Years (7 years) Expires 6/22/2027  
You forwarded this message on 6/24/2020 9:29 AM.

Incoming Web Based Relief Request-Arkansas Nuclear.pdf  
38 KB

This email confirms that you have initiated a request for alternative under 10 CFR 50.55a(z) and you have selected the option to include attachments as a supplement to the request. Once the U.S. Nuclear Regulatory Commission receives attachments in accordance with the instructions below, a copy of the submittal will be added to ADAMS and sent to the NRC Licensing Project Manager for review.

Attachment Instructions  
You have selected the option to include attachments in your request for alternative. Attachments have a file size limitation of 10MB.

Please follow the instructions below for submission:

- (1) Click on the link to get started: [Click here to Send attachments](#)
- (2) Upload attachments. (Note: all attachments must be in PDF format and in compliance with [Section 2.1 of Guidance for Electronic Submissions to the NRC.](#))
- (3) Provide the unique Plant Identification Number (PIN) for the plant\*
- (4) Send the email to complete the process

\*The PIN is assigned by the NRC and is unique to each plant. If you have not received a PIN for your plant, please contact the assigned NRC Licensing Project Manager.

# LICENSEE SUBMISSIONS

Sending attachments for the incoming request with ID - 16 - Message (HTML)

File Message Insert Options Format Text Review Help ADAMS Acrobat Tell me what you want to do

Paste Cut Copy Format Painter Clipboard Basic Text Names Include Tags Voice My Templates

To ☐ Web-Based Relief Requests Resource

Cc

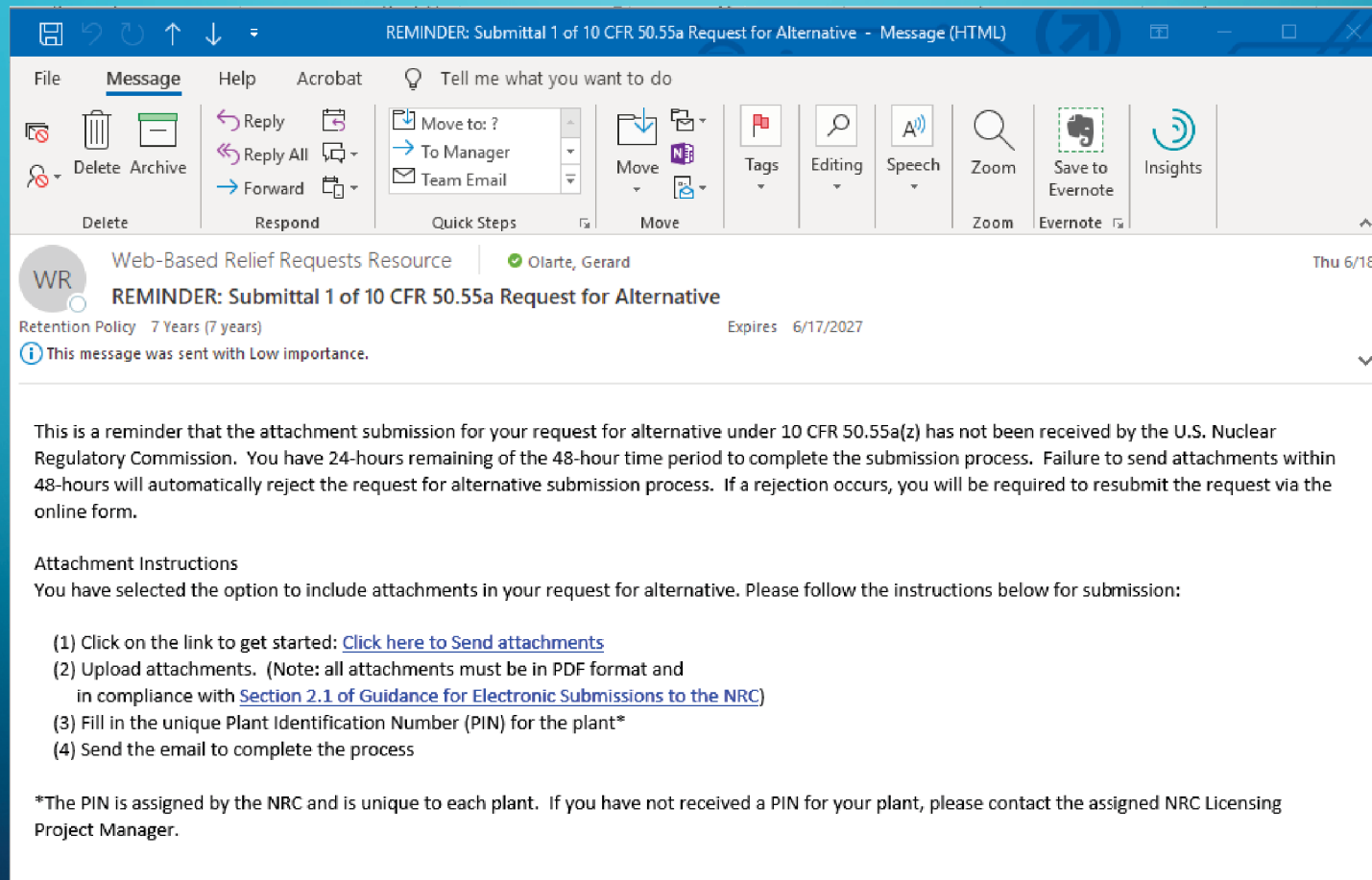
Subject Sending attachments for the incoming request with ID - 16

ROB\_Template\_Privileged\_Accounts\_Form\_Updated (2).pdf 318 KB

Please provide your Plant Identification Number (PIN) inside the brackets:- [123456]



# LICENSEE SUBMISSIONS



The screenshot shows an Outlook email interface. The title bar reads "REMINDER: Submittal 1 of 10 CFR 50.55a Request for Alternative - Message (HTML)". The ribbon includes "File", "Message", "Help", and "Acrobat". The "Message" tab is active, showing options like "Delete", "Archive", "Reply", "Reply All", "Forward", "Move to?", "Move", "Tags", "Editing", "Speech", "Zoom", "Save to Evernote", and "Insights". The email header shows the sender as "WR" (Web-Based Relief Requests Resource) and the recipient as "Olarie, Gerard". The subject is "REMINDER: Submittal 1 of 10 CFR 50.55a Request for Alternative". The email body contains the following text:

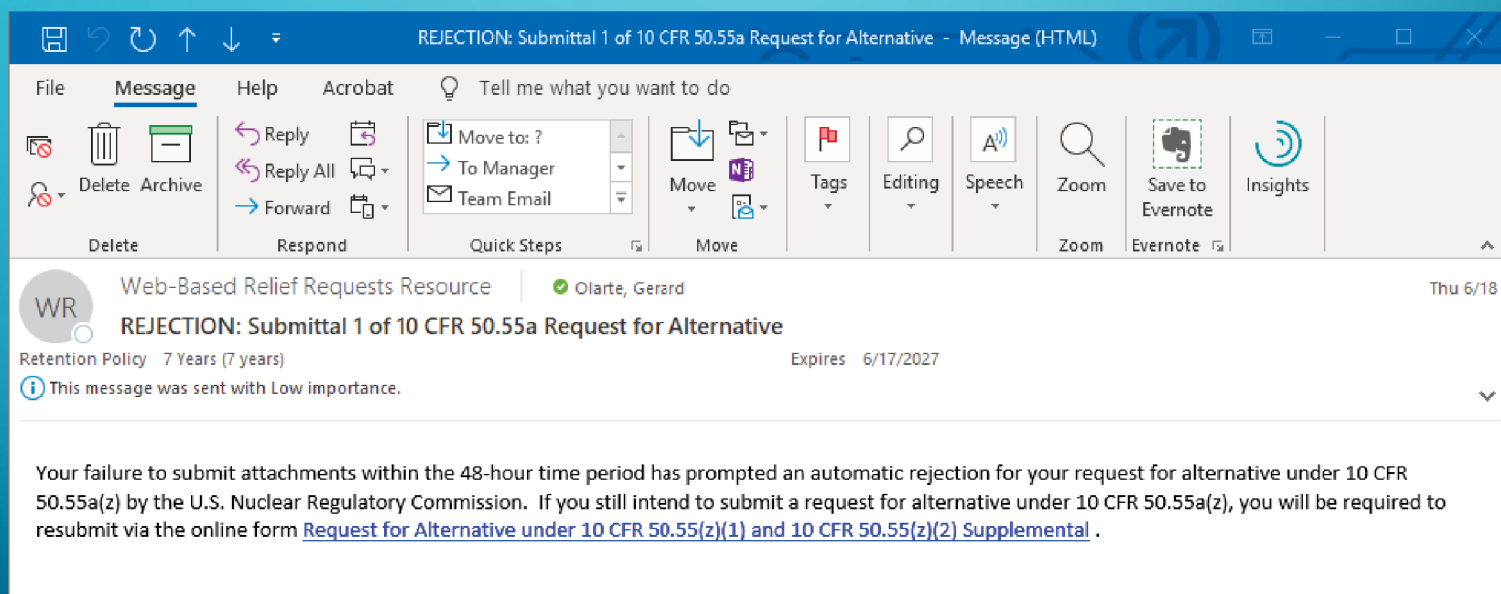
This is a reminder that the attachment submission for your request for alternative under 10 CFR 50.55a(z) has not been received by the U.S. Nuclear Regulatory Commission. You have 24-hours remaining of the 48-hour time period to complete the submission process. Failure to send attachments within 48-hours will automatically reject the request for alternative submission process. If a rejection occurs, you will be required to resubmit the request via the online form.

**Attachment Instructions**  
You have selected the option to include attachments in your request for alternative. Please follow the instructions below for submission:

- (1) Click on the link to get started: [Click here to Send attachments](#)
- (2) Upload attachments. (Note: all attachments must be in PDF format and in compliance with [Section 2.1 of Guidance for Electronic Submissions to the NRC](#))
- (3) Fill in the unique Plant Identification Number (PIN) for the plant\*
- (4) Send the email to complete the process

\*The PIN is assigned by the NRC and is unique to each plant. If you have not received a PIN for your plant, please contact the assigned NRC Licensing Project Manager.

# LICENSEE SUBMISSIONS





# ELECTRONIC SAFETY EVALUATION

Replaces  
traditional NRC  
letter and  
safety  
evaluation

Standardized,  
streamlined  
format for all  
10 CFR 50.55a  
(z)(1) and (2)  
alternatives

ADAMS  
referencing vs  
content  
replication

Focuses on  
technical  
content

# ELECTRONIC SAFETY EVALUATION



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

**[PLANT NAME, UNIT(S)] – APPROVAL OF REQUEST FOR ALTERNATIVE FROM CERTAIN  
REQUIREMENTS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS BOILER  
AND PRESSURE VESSEL CODE (EPID [Enter EPID])**

## **LICENSEE INFORMATION**

**Licensee:** [Licensee Name]  
**Licensee Address:** [Name and Address]  
**Plant Name(s) and Unit(s):** [Plant Name(s) And Unit(s)]  
**Docket No(s).:** [50-xxx, etc.]

## **APPLICATION INFORMATION**

**Submittal Date:** [Month Day, 202X]  
**Submittal Agencywide Documents Access and Management System (ADAMS) Accession  
No.:** [Input ADAMS number]  
**Supplement Date(s):** [Provide RAI response date(s)]  
**Supplement ADAMS Accession No.:** [Input ADAMS number]

# ELECTRONIC SAFETY EVALUATION

**Licensee Proposed Alternative No. or Identifier:** [Provide licensee's number/identifier for this individual proposed alternative]

**Applicable Regulation:** Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.55a(z)(1)

**Applicable Code Requirements:** [Provide the code requirements from which the licensee is requesting an alternative]

**Applicable Code Edition and Addenda:** [Provide code edition and addenda of the applicable code requirements]

**Brief Description of the Proposed Alternative:** [This description should purposely be very brief but provide the reader with a basic understanding of the proposed alternative. This section should not be longer than 1500 characters. If a description longer than 1500 characters is necessary to support the technical evaluation, this section should be a brief summary with additional detail provided in the technical evaluation.]

For additional details on the licensee's submittal, please refer to the documents located at the ADAMS Accession No(s) identified above.

# ELECTRONIC SAFETY EVALUATION

- 2 -

## REGULATORY EVALUATION

### **Regulatory Basis:** 10 CFR 50.55a(z)(1)

Adherence to Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPV Code) is mandated by 10 CFR 50.55a(g)(4), which states, in part, that ASME BPV Code Class 1, 2, and 3 components will meet the requirements, except the design and access provisions and the pre-service examination requirements, set forth in the ASME BPV Code, Section XI.

Paragraph 10 CFR 50.55a(z) states, in part, that alternatives to the requirements of 10 CFR 50.55a(b)-(h) may be used, when authorized by the Director, Office of Nuclear Reactor Regulation, if (1) the proposed alternatives would provide an acceptable level of quality and safety or (2) compliance with the specified requirements would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

The licensee has submitted this request on the basis that a proposed alternative would provide an acceptable level of quality and safety.

## TECHNICAL EVALUATION

[One of Tables 1 or 2 of LIC-102, Revision 3, must match the proposed alternative; the review branch must address each issue in the appropriate table.]

[Provide only the NRC staff's evaluation in this section. Do not reproduce verbatim lengthy portions of the licensee's application. Do not repeat what is already stated above. If applicable, include discussion on risk information considered.]



# ELECTRONIC SAFETY EVALUATION

- 3 -

## CONCLUSION

The U.S. Nuclear Regulatory Commission (NRC) staff has determined that the proposed alternative in the licensee's request referenced above would provide an acceptable level of quality and safety.

The NRC staff concludes that the licensee has adequately addressed the regulatory requirements set forth in 10 CFR 50.55a(z)(1).

The NRC staff authorizes the use of proposed alternative [proposed alternative number] at [Plant, Unit(s)] for the [duration of the alternative].

All other ASME BPV Code, Section XI, requirements for which an alternative was not specifically requested and approved in this proposed alternative remain applicable, including third-party review by the Authorized Nuclear Inservice Inspector.

Principal Contributor(s): [list principal contributors]

Date: [insert date]

---

[Name], Chief  
Plant Licensing Branch [XX]  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation



# ELECTRONIC SAFETY EVALUATION

- 4 -

**[PLANT NAME, UNIT(S)] – APPROVAL OF REQUEST FOR ALTERNATIVE FROM CERTAIN REQUIREMENTS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS BOILER AND PRESSURE VESSEL CODE (EPID [Enter EPID]) DATED**

**DISTRIBUTION:**

PUBLIC

PM File Copy

RidsACRS\_MailCTR Resource

RidsNrrDorLpl[BRANCH #] Resource

RidsNrr[Technical Branch] Resource

RidsNrrLA[LA NAME] Resource

RidsNrrPM[PLANT NAME] Resource

RidsRgn[REGION #]MailCenter Resource

[Principal Contributors to SE]

[Add others as needed (e.g., EDO reps)]

**ADAMS Accession No. ML**

OFFICE	NRR/DORL/LPLX/PM	NRR/DORL/LPLX/LA	NRR/XXXX/XXXX/BC
NAME			
DATE			
OFFICE	NRR/DORL/LPLX/BC		
NAME			
DATE			

**OFFICIAL RECORD COPY**

# QUESTIONS

