



# Checklist for Performing Acceptance Reviews for Non-Power Reactor License Amendment Requests

Paulette Torres, Project Manager  
Research and Test Reactors Licensing Branch  
U.S. Nuclear Regulatory Commission

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# Introduction

- Last year NRC presented the acceptance reviews process
- The NRC staff developed a checklist for staff to use when performing acceptance reviews for license amendments requests (LAR)

## Checklist Purpose

- Help the Research and Test Reactors Licensing Branch (PRLB) staff verify that the application meets the applicable regulatory requirements
- Assist the PRLB staff in identifying missing technical information that is necessary for a complete application

## Is NRC Approval Required?

- ❑ Review the application against regulatory requirements to determine if NRC approval is required prior to implementation of desired change

<b>10 CFR 50.59</b>	For requirements and conditions necessary to make changes to the facilities and procedures as described in the safety analysis report, without prior NRC approval requirements.
<b>10 CFR 50.54</b>	For changes related to: <ul style="list-style-type: none"><li>• Quality Assurance Program, <b>10 CFR 50.54(a)</b></li><li>• Security Plan and Safeguards, <b>10 CFR 50.54(p)</b></li><li>• Emergency Plan, <b>10 CFR 50.54(q)</b></li></ul>

# Administrative Review

- Review the application against the administrative requirements for submitting an application:

<b>10 CFR 50.4</b>	For requirements on written communications.
<b>10 CFR 50.90</b>	A license amendment request must fully describe the changes requested, and follow the form prescribed for original applications.
<b>10 CFR 50.33</b>	Each application should include items listed in 10 CFR 50.33
<b>10 CFR 2.390</b>	Must be marked in accordance with 10 CFR 2.390, if the application contains security, sensitive or proprietary information that the licensee wishes to be withheld from public disclosure.
<b>10 CFR 50.30(b)</b>	A license amendment request must be executed in a signed original under oath or affirmation.

# Evaluation of Proposed Change

- ❑ Cover letter with a summary description:
  - license number
  - name of reactor site
  - summarize the proposed amendment(s)
  - the reason for the amendment(s)
  - whether it's a temporary or permanent change
  - the proposed schedule
    - the timeframe for obtaining the amendment
    - the timeframe of implementation after approval

# Evaluation of Proposed Change

## Detailed Description:

- a discussion of conditions that the proposed amendment(s) is intended to resolve
- an explanation of the circumstances that establish a need for the proposed amendment(s)

# Evaluation of Proposed Change

## □ Technical Evaluation:

- Follow requirements in 10 CFR 50.36 for amendments related to technical specifications
- Ensure changes are described using 10 CFR 50.34 for specific technical requirements for the application



# Evaluation of Proposed Change

- Regulatory Evaluation:
  - Applicable Regulatory Requirements and Criteria
  - How the Technical Analysis satisfies the requirements and criteria
  - Precedent (optional)
  - No Significant Hazards Consideration (only for test reactors)
    - As stated in 10 CFR 50.91a
    - Ensure follows standards set forth in 10 CFR 50.92

# Evaluation of Proposed Change

- Environmental Consideration:
  - 10 CFR 51.22 to determine if an environmental assessment is necessary
  - If it is determined that an environmental assessment is needed, consider whether the staff will need to request significant information in accordance with 10 CFR 51.41
  
- References:
  - Identify and number all references used

## Attachment to the Enclosure

- Re-typed Technical Specification:
  - Include change marks in the right hand margin next to each line changed
  - Make sure to update the page numbers

## Conclusions

- NRC has developed a checklist for the PMs to use when performing an acceptance review for LAR
- This presentation and the checklist (ML) will be publicly available as part of the NRC-TRTR presentation materials

# Thank you



# NRC Regulations and Guidance Referenced in the Checklist:

- 10 CFR 2.390, “Public inspections, exemptions, request for withholding”
- 10 CFR 50.4, “Written communications”
- 10 CFR 50.21, “Class 104 licenses; for medical therapy and research and development facilities”
- 10 CFR 50.30(b), “Filing of application for licenses; oath or affirmation”
- 10 CFR 50.33, “Contents of applications; general information”
- 10 CFR 50.34, “Contents of applications; technical information”
- 10 CFR 50.36, “Technical specifications”
- 10 CFR 50.54, “Conditions of licenses”
- 10 CFR 50.59 “Changes, tests, and experiments”
- 10 CFR 50.90, “Application for amendment of license, construction permit or early site permit”
- 10 CFR 50.91, “Notice for public comment; State consultation”
- 10 CFR 50.92, “Issuance of amendment”
- 10 CFR 51.22, “Criterion for categorical exclusion; identification of licensing and regulatory actions eligible for categorical exclusion or otherwise not requiring environmental review”
- 10 CFR 51.41, “Requirement to submit environmental information”
- NUREG 1537, “Guidelines for Preparing and Reviewing Applications for the Licensing of Non-Power Reactors”