



# Conduct of Engineering Request for Variance or Alternate Method

To display the VAR Request Metadata pane for this document, click File > Info > Properties > Show Document Panel.

## 1.0 General

1.1 Document Number: <b>VAR-10170</b>		1.2 Revision: <b>0</b>	
1.3 Brief Descriptive Title: <b>Continued Operation of NBIC Owner User Inspection Program</b>			
1.4 Affected Program: <b>Engineering Standards</b>		1.5 Request Type: <b>Alternate Method</b>	
1.6a Affected Tech Area <b>99</b>		1.6b Affected Buildings <b>Sitewide</b>	
1.7 Requestor: <b>Hailey, Shawn Louis</b> Organization: <b>MSS-MP</b>			
1.8 Revision History			
Revision Number	Changes and Comments		
0	Initial issue.		

## 2.0 Affected Conduct of Engineering Program/Documents

2.1 Affected "P" Document: <b>P342 Engineering Standards</b>  If against the P document itself, revision (or <b>N/A</b> ): <b>N/A</b>	2.2 Subordinate or related document(s) [AP, master spec, LANL ESM chapter & section; or code, Order, standard, etc.]: Document Title/No.: <b>LANL Engineering Standards Manual STD-342-100 Chapter 17, Pressure Safety, Section QCSM – Quality Control Systems Manual (R Stamp Program)</b>  <b>Revision 0, 9/7/2016</b> Document Title/No.: <i>Enter text..</i>  <b>Revision</b> <i>Enter text..</i> Document Title/No.: <i>Enter text..</i>  <b>Revision</b> <i>Enter text..</i>
2.3 Section/Paragraph: <b>See below.</b>	
2.4 Specific Requirement(s) as Written in the Document(s): <b>Section: iii, Edition: 1</b> <b>FORWARD AND STATEMENT OF AUTHORITY AND RESPONSIBILITY</b>  LANL Commissioned Inspector Supervisor has the responsibility for the contents of this Manual, its approval, implementation, design engineering activities and complete authority for ensuring compliance to its requirements. He has the further responsibility, authority, and organizational freedom to stop nonconforming work and control further processing and construction, to identify quality control problems and to initiate, recommend and provide solutions, which will result in conformance to the applicable Codes and the requirements of this Quality Control Systems Manual. <b>Any disagreement over the implementation of this program shall be referred to the Engineering Services Division Office (ES-DO) for resolution.</b> The resolution of	

the ES-DO shall not supersede or conflict with the requirements of the NBIC, this Quality Control Systems Manual and the Jurisdictional requirements.

This Quality Control Systems Manual has the full support of the management, who will ensure that adequate resources, including trained personnel, are provided to effectively implement this program.

The managers identified above may delegate to others within their respective divisions the duty to carry out the day-to-day activities associated with the "R" Stamp Program; however, the managers retain overall responsibility for the actions of their divisions.

Section: 1, Edition: 1

## GLOSSARY OF TERMS

**LANL Commissioned Inspector Supervisor** – An inspector employed by LANL holding a valid and current National Board Commission with "IS" and "O" Endorsements and responsible for the system configuration that is being repaired or altered as applicable to this Manual.

Section 3, Edition: 1 addresses LANL Commissioned Inspectors Qualifications, Training and Supervision.

2.5 Contractual, preference, or other basis for requirement in 2.4:

Having a R Stamp program is not required, but does support the 10 CFR 851 mandate.

2.6 Type of VAR from ESM Chap 1, Z10 [*Applies only to standards variances*])

Type 2

2.7 Discipline

Pressure Safety

## 3.0 Request Information & Comments

3.1 NCR required (work has occurred)? No

If Yes, NCR Number: NA

3.2 System/Component Affected

OpSystem Acronym & Name BLR\_Boiler

System Number or Name BLR\_Boiler

3.3 Highest ML Level

ML-4

3.4 Proposal with Justification/Compensatory Measures:

Issue:

With the recent departure of MSS-MP Boiler/Pressure Safety Engineer, the R Stamp Program has been left without a LANL employee with National Board Commission "O" Endorsement.

Proposal:

As allowed by the quality control manual, the ES-DO Chief Engineer shall appoint (signified by approval of this VAR) Ari Ben Swartz as interim lead LANL Commissioned Inspector Supervisor to fulfill the duties described in the quality control manual. Mr. Swartz is required to be trained and qualified by the National Board for his "O" endorsement as soon as is practical (goal: October 2017). In the interim, he is judged to have the necessary knowledge, skills, and experience given his degree and extensive background in the subject.

Mr. Brad Van Cleave and any others subsequently identified per the Manual's process (Section 3) will continue to inspect boilers.

This Alternative Method shall continue until such time as there is a replacement MSS-MP Boiler/Pressure Safety Engineer qualified and performing the duties of the lead LANL Commissioned Inspector Supervisor; after that time Swartz may act in the supervisor role in the absence of an MSS engineer.

3.5 Attachments

Document Title or Description [N/A](#)

3.6a Project ID

[N/A](#)

3.6b: Project Name

[N/A](#)

3.6c: Code of Record Date

[N/A](#)

3.7 Duration:

[Lifetime](#)

3.8a If Finite Period, Start Date:

[Click to enter a date.](#)

3.8b End Date:

[Click to enter a date](#)

3.8c Provide the PFITS number for tracking removal/correction: [\[PFITSNum\]](#)

3.9 USQD/USID required (Nuclear, High/Mod Hazard)? [No](#)

If Yes, USQD/USID Number [N/A](#)

3.10 QA Review for process change matters potentially affecting LANL's NQA-1 implementation

Is a QPA Determination required?: [No](#) If **Yes**, then: [Choose an item.](#)

QPA Comments: [N/A](#)

3.11 POC Determination: [Accept](#)

POC Comments: [Enter text..](#)

3.12 Management Program Owner's (SMPO) Approval for P341 and APs; P342, ESM, ML-1 and -2, and Contract Matters; and P343

SMPO Determination: [Accept](#)

Comments: [Enter text..](#)

**4.0 Participant Signatures** **NOTE:** DO NOT ADD NAMES FROM WITHIN WORD! Save and close the form first, then do 1-4 below:

1. From the SharePoint library, select the document, then click the **ellipsis (...)** in the second column; a small dialog appears
2. In the small dialog click the **ellipsis** again
3. Click **Edit Properties** and check out the document if prompted to Enter names using the controls provided, then **Save**

4.1 POC (Management Program Owner's Representative):

[Swartz, Ari \(Ben\)](#)

Organization

[ES-EPD](#)

Signature

4.2 Facility Design Authority Representative

[\[FDARName\]](#)

FDAR signature not required

Organization

[Enter text..](#)

Signature

<p>4.3 LANL Owing Manager (FOD or R&amp;D/Program)</p> <p>[FODorPrgmMgrName]</p> <p>FOD or Program Manager signature not required <input checked="" type="checkbox"/></p>	<p>Organization</p> <p>Enter text..</p>	<p>Signature</p>
<p>4.4 Quality Reviewer's Name:</p> <p>[QPAName]</p> <p>QPA review/signature not required <input checked="" type="checkbox"/></p>	<p>Organization</p> <p>Enter text.</p>	<p>Signature</p>
<p>4.5 Safety or Security Management Program Owner's Approval for P341 and APs; P342, ESM and Contract Matters; and P343</p> <p>Goen, Lawrence Kenneth</p> <p>SMPO signature not required (Type 1 variance) <input type="checkbox"/></p>	<p>Organization</p> <p>ES-DO</p>	<p>Signature</p>
<p>4.6 Additional Signer 1</p> <p>Keith, Edmond Burl</p> <p>Role: Division Leader</p>	<p>Organization</p> <p>MSS-DO</p>	<p>Signature</p>
<p>4.7 Additional Signer 2</p> <p>[AdditionalSigner2]</p> <p>Role: Enter text.</p>	<p>Organization</p> <p>Enter text.</p>	<p>Signature</p>
<p>4.8 CoE Administrator Signature</p> <p>Salazar-Barnes, Christina L</p> <p><u>NOTE:</u> The CoE Admin is always the last signature placed on this document. The date of that signing is the date of this document.</p>	<p>Signature</p>	