

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: VAR-10365		1.2 Revision: 0	
1.3 Brief Descriptive Title: Ch 21 SSC Software Change Package Form superseding AP-341-507			
1.4 Affected Program: Engineering Standards		1.5 Request Type: Variance	
1.6a Affected Tech Area 99		1.6b Affected Buildings Sitewide	
1.7 Requestor: Oruch, Tobin H Organization: ES-FE			
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: P342 Engineering Standards If against the P document itself, revision (or N/A): N/A		2.2 Subordinate or related document(s) [AP, master spec, LANL ESM chapter & section; or code, Order, standard, etc.]: Document Title/No.: AP-341-507, SSC Control Software Change Package Revision 1 Document Title/No.: ESM Chapter 21, Software, Section SOFT-GEN Revision 1 Document Title/No.: Enter text.. Revision Enter text..	
2.3 Section/Paragraph: All references to AP-341-507 in all CoE documents including but not limited to the Standards, APs, P34X procedures, and training documents. Documents from other organizations would also be affected.			
2.4 Specific Requirement(s) as Written in the Document(s): Any and all direction to follow AP-341-507 for SSC software change control.			
2.5 Contractual, preference, or other basis for requirement in 2.4: AP-341-507 was the Facility COE implementation of an SSC software change control process. Such control is required by DOE mandates DOE O 414.1D and 10CFR830, LANL's SD330 and ESM Ch 21, and NQA-1.			
2.6 Type of VAR from ESM Chap 1, Z10 [<i>Applies only to standards variances</i>] Type 2		2.7 Discipline Instrumentation & Controls	

3.0 Request Information & Comments

3.1 NCR required (work has occurred)? No If Yes, NCR Number: Enter text.		
3.2 System/Component Affected OpSystem Acronym & Name N/A System Number or Name N/A		3.3 Highest ML Level ML-1
3.4 Proposal with Justification/Compensatory Measures: Proposal: Supersede AP-341-507, SSC Control Software Change Package, with a new ESM Chapter 21 form. The form, SOFT-GEN-FM04, SSC Software Change Package Form (SWCP)—and its accompanying instructions document—will be webposted in Word for use under SOFT-GEN together with this authorizing Variance. Logistics: A pointer document will be posted where the AP formerly resided to direct users to Chapter 21 (e.g., a read-me, this VAR, or both) until such time that the majority of referring documents are updated. Further, upon issuance under this variance, the form may be maintained following the normal ESM document revision process or by revision of this VAR. Upon revision of Chapter 21 text to more directly reference the new form, this VAR will become superseded by that ESM revision, but may remain posted to the AP site as long as required. Justification: Replacement of the AP with this form consolidates all software QA processes and forms in a single location; this should result in a more coherent and cohesive software QA approach—and one with consistent look and feel. The new form is NQA-1 compliant and follows the same practices/sequences for reviews, approvals, and work authorization that the recently issued DCF procedure uses.		
3.5 Attachments Document Title or Description SOFT-GEN-FM04, SSC Software Change Package Form (SWCP) and accompanying instructions (pdf files not to be used for actual work).		
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: N/A – lifetime until superseded.		
3.9 USQD/USID required (Nuclear, High/Mod Hazard)? No If Yes, USQD/USID Number Click here to enter text.		
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: Enter text..		
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**

<p>4.1 POC (Management Program Owner's Representative):</p> <p>Oruch, Tobin H</p>	<p>Organization</p> <p>ES-FE</p>	<p>Signature</p>
<p>4.2 Facility Design Authority Representative [FDARName]</p> <p>FDAR signature not required <input checked="" type="checkbox"/></p>	<p>Organization</p> <p>Enter text..</p>	<p>Signature</p>
<p>4.3 LANL Owing Manager (FOD or R&D/Program) [FODorPrgrMmgrName]</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: [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>Streit, Jim</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>Hemphill, Richard Lee</p> <p>Role: SME</p>	<p>Organization</p> <p>ES-FE</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>NOTE: 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>	