

Software Quality Assurance Assessments

Office	Site Facility	Assessment Dates	SQA Process Assessed	CRAD	Report Date	Copy of Report	LL/OFI Identified	Comments
NNSA	NTS	12/8-18/03	14 of 40 safety related software Applications	I&C And D&A	Phase I Jan 04 Phase II Summer 2004			BN Phase I – Process/Procedures. Because process requirements for Software Quality Assurance could not be met, the Phase II Implementation of SQA has been delayed until Summer 2004.
NNSA	Y-12	1/19-23/04	HF Safety	I&C	Jan 04	Yes	Yes	Initial/pilot assessment. This is a new system that was in the testing phase following installation. The ORR will include a follow-on to this assessment.
NNSA	LANL	1/14-29/04 2/9-11/04	TA-18 Planet Control System	I&C	2/26/04	Yes	Yes	Initial/pilot assessment performed using the EH CRAD and LANL LIR 308-00-05, Software Quality Management Policy (contains additional review criteria).
EM	ORP	2/16-20/04	WTP	D&A	3/31/04	Yes	No	Only hard copy of the final report available. Two findings and five observations identified.
NNSA EM	SRS	2/10-19/04	TEF worker protection System, TCON protection System	I&C	3/18/04	Yes	Yes	Initial/pilot assessment. Based on the results of the initial/pilot assessment, it has been determined by the site office and contractor that no additional assessments are necessary.
NNSA EM	SRS	2/10-19/04	D&A safety system software, GTSTRudl	D&A	3/18/04	Yes	Yes	Initial/pilot assessment. Based on the results of the initial/pilot assessment, it has been determined by the site office and contractor that no additional assessments are

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								necessary.
NNSA	SNL	3/9-16/04	ACRR Console, MCNP, Critical Heat Flux Ratio	I&C And A&D	5/26/04	Yes	Yes	Initial/pilot assessment. Based on the results of the initial/pilot assessment, it has been determined by the site office and contractor that no additional assessments are necessary.
EM	RL	3/15-31/04	Various I&C software	I&C And A&D	May 04	Yes	Yes	Only hard copy of the final report available. Nine findings and three observations identified.
NNSA	Pantex	3/22-26/04	Move Right Software	I&C	4/30/04	No	Unknown	Initial/pilot assessment. Report is Official Use Only
NNSA	LANL CMR	4/12-15/04	Ventilation System PLC	I&C	5/18/04	Yes	Yes	
NNSA	LANL CMR		Combustible Loading	I&C				Report in draft
NNSA	LANL		MAR	I&C				Report in draft
NE	ID	3/10-4/4/04	IFSF Fuel Conditioning Station Control Sys	I&C	4/5/04	Yes	No	
NNSA	Y-12	4/26-30/04	HGSYSTEM3	A&D	April 04	Yes	Yes	Initial/pilot assessment.
NNSA	LLNL	5/17-21/04	HOTSPOT	A&D	May 04	Yes	Yes	
NE	ID	4/26-29/04	Liquid-Gaseous Waste DCS and Criticality Alarm Sys	I&C	May 04	Yes	Yes	
EM	PNNL	5/24-28/04		A&D				
NNSA	Pantex	6/7-11/04	MAX2_MHC	A&D				

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			ERAD					
NNSA	NTS	6/28-7/9/04	14 of 40 safety related software Applications	I&C And A&D				Phase II of assessment. Phase I was completed January 2004.
NNSA	LLNL B332	7/12-16/04	Fire Detection and Alarm System	I&C				
NNSA	NTS JASPER, DAF & UIA	Mid July 2004 at the earliest	TBD	I&C And A&D				Initial/pilot assessment. Assessment postponed (from 7-18 Jun) due to conflicts with other DAF activities.