

-----Original Message-----

From: isaacson@lanl.gov [mailto:isaacson@lanl.gov]
Sent: Tuesday, October 25, 2005 6:06 PM
To: KIRK.W.OWENS@saic.com
Cc: Susan Radzinski; mshurter@lanl.gov
Subject: Fwd: INNST Information for SWEIS

Kirk, here are the responses to the INNST info request.

JJ

X-Sieve: CMU Sieve 2.2
X-Sender: mshurter@beasley.lanl.gov (Unverified)
Date: Tue, 25 Oct 2005 14:46:39 -0600
To: isaacson@lanl.gov
From: Melanee M Shurter <mshurter@lanl.gov>
Subject: Fwd: INNST Information for SWEIS
Cc: David Alberstein <alberstein@lanl.gov>, swagner@lanl.gov,
"James K. Sprinkle" <jsprinkle@lanl.gov>, sradz@lanl.gov,
sscott@lanl.gov
X-PMX-Version: 4.7.1.128075

Hi John,

In response to your request below, here is the information about INNST for the SWEIS (reviewed by D. Alberstein):

- Functions: see attached table
- Size: Total space: Institute facilities will occupy approximately 145,000 net square feet, a reduction of about 50,000 net square feet relative to the facilities to be replaced, and will house approximately 450 to 500 technical and support staff.
- Footprint on the land/ amount of space allocated to each functional area: There is a potential for multiple buildings planned around the vicinity of the existing RC-1 building complex at TA-48.
- Schedule: Total schedule is approximately six to seven years, with approval to start construction in late FY2009, and Commission and Move-in (occupancy) by early FY2012.

Please let me know if you have any questions.

Thanks,
Melanee

At 04:01 PM 10/24/2005, you wrote:

Melanee could you get the information requested below?

Thanks, JJ

X-Sieve: CMU Sieve 2.2
From: "Owens, Kirk W." <KIRK.W.OWENS@saic.com>
To: "isaacson@lanl.gov" <isaacson@lanl.gov>
Cc: "Enyeart, Sandra B." <SANDRA.B.ENYEART@saic.com>, "Engelke, Susan N." <SUSAN.N.ENGELKE@saic.com>
Subject: INNST
Date: Sun, 23 Oct 2005 14:31:02 -0400
Sender: KIRK.W.OWENS@saic.com
X-Proofpoint-Spam: 0
X-PMX-Version: 4.7.1.128075
John,

One of the comments from the review was to more clearly show Phase 1 of the RSI, namely, INNST. Could you forward information about the facility in a non-OUO form that we could use as a reference? We would like:

Functions:
Size: Total space, footprint on the land, amount of space allocated to each functional area.
Schedule: Construction; occupancy.

Thanks,

Kirk Owens
SAIC
(301) 601-5611 (voice)
(301) 428-0145 (fax)

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Melanee M. Shurter, RLA

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INNST Functional Requirements Summary

Function No.	Name	Description
1.0	INNST Project	Provide modern, compliant, sustainable, consolidated facilities to conduct nuclear nonproliferation operations at LANL. Provide a Security Category I/II facility contained within a PIDADS and multiple-use Security Category III/IV facilities where various quantities of nuclear materials are used in parallel, all supported by a co-located office environment and the LANL safety and security infrastructure.
1.1	Cat I/II Facility	Provide a small Nuclear Hazard Category 2 Training Center that offers hands-on safeguards training and measurements with realistic, traceable, well characterized SNM items, and training and R&D for the demonstration of advanced equipment and protocols for the identification of nuclear materials and special components. Locate the facility within a security Technical Area Isolation Zone (TAIZ) and within a PIDADS “bubble” adjacent to TA-55 but physically isolated from the programmatic activities and personnel inside TA-55. Provide ability to utilize and store Category I/II quantities (including roll-up of various numbers of Category III/IV quantities) of materials. Provide ability to allow for foreign national access for training sessions without any access to the Protected Area (PA) within TA-55.
1.2	Cat III/IV Laboratories	Provide an independent, Security Category III/IV, Nuclear Hazard Category 3/ Radiological facility incorporating both open and secured laboratories, used for research, development, testing, and the evaluation of technology directly applied to nuclear nonproliferation programs.
1.3	Secure Radiochemistry Facility	Provide a small radiochemistry building to provide a secure, low background dissolving and radiochemistry capability for the receipt and processing of classified samples to meet requirements of current and future national security programs. This building will operate at the Radiological level in a secure environment. The building will be a vault type room (VTR).
1.4	Field Test Laboratory	Provide an outdoor vehicle portal and long standoff nuclear material monitoring and detection field laboratory to be used to develop and demonstrate advanced nuclear detection technology suitable for deployment in border protection situations and in other environments requiring long distance monitoring. The field laboratory will be configured to be a training center for both international and domestic nonproliferation professionals.
1.5	Office Complex	Provide an office complex sized to accommodate the staff in the INNST, to include both open and secured office space, and mechanical, electrical, and software design, fabrication, and assembly facilities for building prototype instruments and supporting R&D needs.