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APPENDIX G: SUPPLEMENTAL INFORMATION FOR PREHISTORIC AND HISTORIC CULTURAL RESOURCES AND NATIVE AMERICAN CONSULTATION

This appendix presents additional information on the prehistoric and historic cultural resources management and Native American consultation conducted at Lawrence Livermore National Laboratory (LLNL) for the Livermore Site and Site 300. Section G.1 describes the significance criteria used in evaluating prehistoric and historic cultural resources for eligibility to the National Register of Historic Places (NRHP). Section G.2 contains a copy of the California Native American Heritage Commission response letter with the tribal contact list for the *Site-wide Environmental Impact Statement for Continued Operation of Lawrence Livermore National Laboratory and Supplemental Stockpile Stewardship and Management Programmatic Environmental Impact Statement* (LLNL SW/SPEIS). Section G.3 has copies of consultation letters sent to agencies and Native American Contacts regarding preparation of the Programmatic Agreement. This is followed by the Final Programmatic Agreement in Section G.4.

G.1 FEDERAL SIGNIFICANCE CRITERIA FOR PREHISTORIC AND HISTORIC CULTURAL RESOURCES

Criteria for including properties in the NRHP, pursuant to 36 *Code of Federal Regulations* (CFR) 60.4, are as follows:

- Association with events that have made a significant contribution to the broad patterns of our history
- Association with the lives of persons significant to our past
- Resources that embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master or that possess high artistic values or that represent a significant and distinguishable entity whose component may lack individual distinction
- Resources that have yielded or may be likely to yield information important in prehistory or history

G.2 LETTER FROM THE CALIFORNIA NATIVE AMERICAN HERITAGE COMMISSION WITH THE TRIBAL CONTACT LIST

STATE OF CALIFORNIA

Gray Davis, Governor

NATIVE AMERICAN HERITAGE COMMISSION
915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-4082
Fax (916) 687-6390



December 23, 2002

Thomas Grim
Department of Energy
National Nuclear Security Administration
1301 Clay Street
Oakland, CA 94612-5208

RE: Native American Contacts/Lawrence Livermore National Laboratory
#AMNSEIS:020011

Dear Mr. Grim:

I recommend that you contact the Native Americans contacts on the attached list for this project. They may be able to provide input concerning the project site and assist in the mitigation measures. It is with the understanding that the list is to be used only to determine possible areas of cultural sensitivity

The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest that all of those indicated be contacted, if they cannot supply information, they may recommend others with specific knowledge. A minimum of two weeks must be allowed for responses after notification.

If you receive notification of change of addresses and phone numbers from any these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4038.

Sincerely,

Handwritten signature of Debbie Pilas-Treadway
Debbie Pilas-Treadway
Environmental Specialist III

Post-It* Fax Note 7671
To: T. GRIM
From: D. TREADWAY
Phone #: 916/653-4038
Fax #: 925/422-1776

**NATIVE AMERICAN CONTACTS
Alameda County
December 23, 2002**

<p>Jakki Kehl 720 North 2nd Street Patterson , CA 95363 (209) 892-2436 (209) 892-2435 - Fax jakki@bigvalley.net</p>	Ohlone/Costanoan	<p>Thomas P. Soto Howard S. Soto P.O. Box 56802 Hayward , CA 94541 (530) 889-2444 sotoland@sbcglobal.net (510) 733-6158 Fax hss001@aol.com</p>	Ohlone/Costanoan
<p>Katherine Erolinda Perez 1234 Luna Lane Stockton , CA 95206 (209) 462-2680</p>	Ohlone/Costanoan Northern Valley Yokut Bay Miwok	<p>Trina Marine Ruano Family Ramona Garibay, Representative 37974 Canyon Hts. Drive Fremont , CA 94536 (510) 792-1642 (510) 673-5029 - Cell</p>	Ohlone/Costanoan
<p>Ella Rodriguez PO Box 1411 Salinas , CA 93902 (831) 632-0490</p>	Ohlone/Costanoan Esselen	<p>Amah/Mutsun Tribal Band Michelle Zimmer 4952 McCoy Avenue San Jose , CA 95130 (408) 378-3934</p>	Ohlone/Costanoan
<p>Marjorie Ann Reid 19235 Pinnacle Court Redding , CA 96003</p>	Ohlone/Coastanoan	<p>Amah/Mutsun Tribal Band Irene Zwielerlein, Chairperson 789 Canada Road Woodside , CA 94062 (650) 851-7747 - Home (650) 851-7489 - Fax (408) 364-1393 - Cell</p>	Ohlone/Costanoan

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to the cultural assessment for the proposed consultation Lawrence Livermore National Laboratory, Alameda County.

**NATIVE AMERICAN CONTACTS
Alameda County
December 23, 2002**

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayer, Chairperson
P.O. Box 28 Ohlone/Costanoan
Hollister , C A 95024
(510) 637-4238

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152 Ohlone/Costanoan
Mission San Jose , C A 94539
(510) 656-0787 - Voice
(510) 882-0527 - Cell
(510) 656-0780 - Fax
chochenyo@AOL.com

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.96 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to the cultural assessment for the proposed consultation Lawrence Livermore National Laboratory, Alameda County.

**NATIVE AMERICAN CONTACTS
San Joaquin County
December 23, 2002**

Katherine Erolinda Perez
1234 Luna Lane
Stockton, CA 95206
(209) 462-2680

Ohlone/Costanoan
Northern Valley Yokut
Bay Miwok

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.96 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to the cultural assessment for the proposed consultation Lawrence Livermore National Laboratory, San Joaquin County.

G.3

LETTERS TO AGENCIES AND THOSE POTENTIALLY INTERESTED IN THE
DEVELOPMENT OF A PROGRAMMATIC AGREEMENT



Department of Energy
National Nuclear Security Administration
1301 Clay Street
Oakland, California 94612-5208

AUG 15 2002

Dr. Knox Mellon
State Historic Preservation Officer
Office of Historic Preservation
Department of Parks and Recreation
P.O. Box 942896
Sacramento, CA 94296-0001

SUBJECT: National Historic Preservation Act Programmatic
Agreement Regarding Operation of
Lawrence Livermore National Laboratory (LLNL)

Dear Dr. Mellon:

The Department of Energy, National Nuclear Security Administration, (DOE/NNSA) Oakland Operations Office with assistance from Lawrence Livermore National Laboratory will develop an historic context and complete cultural resource evaluations on lands it controls in Alameda and San Joaquin Counties, California. We have already initiated a dialog with your staff on the scope of these efforts, and I believe they will produce results that can serve as a foundation for effective management of important resources and for a sound implementation plan for these approaches. The context development and resource evaluations are a multi-year commitment for LLNL.

I believe we should consider an agreement that both documents the intent of the Laboratory to complete the work and provides an interim standard for the DOE/NNSA to meet National Historic Preservation Act Section 106 responsibilities. I also would propose that this document should establish a timetable for development of the LLNL cultural resource management plan and for its implementation by agreement. To these ends I enclose a preliminary draft Programmatic Agreement that may serve as a basis for discussion. I request your initial comment on this document along with your suggestions for the best approach to work together to finalize an agreement.

I have written to the Advisory Council on Historic Preservation to announce our intent to consult and, since the Council participated in our past efforts to develop an agreement, I have invited their continued participation. In addition, I have contacted all the Native American points of contact for Alameda and San Joaquin Counties, which were recommended by staff of the California Native American Heritage Commission, to determine interest in the consultation. Please inform me if you believe we should involve additional parties and, if you have a recommendation, provide contact information.

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AUG 15 2002

You can contact me by telephone at (510)637-1813 if you require additional information to assist you in your deliberations. Mr. Paul McGuff, LLNL, can also answer questions and can be reached at (925)422-9547.

Sincerely,

Original signed by:

Janet M. Neville
Historic Preservation Officer
Environment, Safety, and Health
Division

Enclosure:
Preliminary Draft Programmatic Agreement

cc:
C. Carter, LEPD, L-293 w/encl
P. Hill, LSOD, L-293 w/encl
T. Kato, LLNL, L-627 w/o encl
P. McGuff, LLNL, L-627 w/o encl



Department of Energy
National Nuclear Security Administration
1301 Clay Street
Oakland, California 94612-5208

AUG 15 2002

Ms. Jane M. Crisler
Advisory Council on Historic Preservation
Western Office of Federal Agency Programs
1236 West Bayaud Avenue
Suite 330
Lakewood, Colorado 80228

SUBJECT: National Historic Preservation Act Programmatic
Agreement Regarding Operation of
Lawrence Livermore National Laboratory (LLNL)

Dear Ms. Crisler:

The Department of Energy, National Nuclear Security Administration, (DOE/NNSA) last communicated with you concerning an agreement for Lawrence Livermore National Laboratory (LLNL) several years ago. Recently we have made new progress in the historic preservation program and I am pleased to report that LLNL will develop an historic context and complete cultural resource evaluations on lands owned by the DOE/NNSA and maintained by LLNL in Alameda and San Joaquin Counties, California. We've already initiated a dialog with the State Historic Preservation Office Staff on the scope of these efforts, and believe the results of investigations will serve as a foundation for effective management of resources. The context-development and resource evaluations are a multi-year commitment for LLNL.

I believe we should consider an agreement that documents the intent of the Laboratory to complete the work and provide an interim standard for the DOE/NNSA to meet National Historic Preservation Act Section 106 responsibilities. I also would propose that this agreement should establish a timetable for development of the LLNL cultural resource management plan and for its implementation by agreement. The Advisory Council was an active participant in our efforts to develop an agreement several years ago and I would welcome your continued participation in this renewed effort. I request that you inform me of the role the Advisory Council will take in this consultation.

For your information I enclose a preliminary draft Programmatic Agreement that may serve as a basis for discussion. Should the Council decide to actively participate in the consultation, I request your initial comment on this document along with your suggestions for the best approach to work together to finalize an agreement.

I have also written to the California State Historic Preservation Office and Native American points of contact recommended by staff of the California Native American Heritage Commission.

AUG 15 2002

-2-

You can contact me by telephone at (510) 637-1813 if you require additional information. Mr. Paul McGuff, LLNL, can also answer questions and can be reached at (925)422-9547.

Sincerely,

Original signed by:

Janet M. Neville
Historic Preservation Officer
Environment, Safety, and Health
Division

Enclosure:
Preliminary Draft Programmatic Agreement

cc w/o encl:
C. Carter, LEPD, L-293
P. Hill, LSOD, L-293
T. Kato, LLNL, L-627
P. McGuff, LLNL, L-627



Department of Energy
National Nuclear Security Administration
1301 Clay Street
Oakland, California 94612-5208

AUG 15 2002

IDENTICAL LETTER SENT TO ATTACHED LIST

Ms. Ella Rodriquez
P. O. Box 1411
Salinas, CA 93902

**SUBJECT: National Historic Preservation Act Programmatic
Agreement Regarding Operation of
Lawrence Livermore National Laboratory (LLNL)**

Dear Ms. Rodriquez:

The Department of Energy, National Nuclear Security Administration (DOE/NNSA) wants to take steps that will improve cultural resource management at Lawrence Livermore National Laboratory (LLNL). The steps include completion of a historic context for the period after 1941, an evaluation of cultural resources including known archeological sites, and implementation of an agreement. The agreement would document the commitment for context development and evaluation, specify a timetable to write a new agreement based upon the results of evaluation, and define a process for management of resources until the context, assessment, and new agreement are complete.

I am writing to you because I believe you could have interest in our plans. If so, I would like to know whether you have a desire to participate in the planning and to what degree. In addition to sending this letter, Paul McGuff from LLNL will attempt to call you in the next few weeks with the purpose of providing you a direct opportunity to ask questions or state your interest. Please feel free to call him if you have not received a phone call or for any other reason.

You may have little familiarity with LLNL. LLNL is a DOE/NNSA research laboratory and maintains lands at two separate locations in Alameda and San Joaquin counties, California. The nature of research at LLNL requires high security and limitations on access. I have enclosed a map that provides an idea of the location and relative size of the two sites.

The LLNL Livermore Site covers 821 acres and functions as a main campus for research. It is located about 40 miles east of San Francisco in Alameda County, California. Operations at the site occupy about six million gross square feet of facilities. This space is spread among approximately 500 buildings and structures, of which approximately 250 are temporary. This site has very little undeveloped land and no undisturbed lands.

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The 7000-acre LLNL Site 300 is primarily a non-nuclear high explosives test facility. It is located 15 miles southeast of Livermore in the hills of the Diablo Range, and is in San Joaquin and Alameda counties, California. Operations at the site occupy approximately 400,000 gross square feet of facilities. This space is spread among approximately 200 buildings and structures of which few are temporary. This site has considerable undeveloped land. The lands received an archeological survey several years ago. The acreage has no flowing streams and archeological site density is low. Twenty-five archeological sites are recorded on the property and all but eight of them date to the late-Nineteenth or early-Twentieth centuries. The eight older sites are small occupation areas and isolated artifacts identified by stone and bone tools and debris.

I have also written to the California State Historic Preservation Office and to the Advisory Council on Historic Preservation concerning our programmatic plans.

You can contact me by telephone at (510) 637-1813 or Mr. Paul McGuff, LLNL at (925) 422-9547, if you require additional information.

Sincerely,

Original signed by:

Janet M. Neville
Historic Preservation Officer
Environment, Safety, and Health
Division

Enclosure:

LLNL Location Map

cc;

C. Carter, LEPD, L-293 w/encl
P. Hill, LSOD, L-293 w/encl
T. Kato, LLNL, L-627 w/o encl
P. McGuff, LLNL, L-627 w/o encl

ADDRESS LIST:

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Salinas, CA 93902

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Patterson, CA 95363

Katherine Erolinda Perez
1234 Luna Lane
Stockton, CA 95296

Marjorie Ann Reid
19279 Lexington Lane
Redding, CA 96003

Amah/Mutsun Tribal Band
Michelle Zimmer
4952 McCoy Avenue
San Jose, CA 95130

Amah/Mutsun Tribal Band
Irene Zwierlein, Chairperson
789 Canada Road
Woodside, CA 94062

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayer, Chairperson
PO Box 28
Hollister, CA 95024

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Mission San Jose, CA 94539

Thomas P. Soto
Howard S. Soto
PO Box 56802
Hayward, CA 94541

Trina Marine Ruano Family
Ramona Garibay, Representative
37974 Canyon Heights Drive
Fremont, CA 94536