State of California  
Office of Planning and Research  
1400 Tenth Street  
Sacramento, CA 95814  

NOTICE OF INTENT  
TO ADOPT A MITIGATED NEGATIVE DECLARATION  

Project Title: UC Davis Steam Expansion Phase 1  
Project Location: University of California, Davis; south of Hutchison Drive and east of Dairy Road  
County: Yolo County  

In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000 et seq.), the CEQA Guidelines (Title 14 Code of Regulations Section 15000 et seq.), and the University of California Procedures for the Implementation of CEQA, a Draft Tiered Initial Study for the above-named project was prepared (please see enclosure). The document identifies and evaluates the potential environmental impacts of the proposed project. The campus proposes to prepare a Mitigated Negative Declaration for the project.

Project Description

UC Davis proposes to construct and operate the Steam Expansion Phase 1 project to add heating and cooling capacity to meet projected campus needs for steam production through 2011. In addition, the project would increase the reliability of the steam plant by providing sufficient capacity to allow for routine maintenance, unexpected shutdowns, and exceptional peaks in heating and cooling demand. The available capacity of the existing steam system is currently exceeded, requiring reserve capacity to be used to meet peak system demands. At the present time, the reliability of the existing system is low because if one of the primary steam boilers fails during a period of peak demand, there is no backup unit in reserve to maintain the necessary level of service. Major maintenance for the boilers at this time must be limited to work which can be completed during off-peak periods. If a boiler did fail during a period of peak demand, it would impact not only routine building heating and cooling, but also would affect important laboratory equipment functions and the maintenance of research materials critically dependent upon continued refrigeration.

Campus operations are critically dependent on the steam plant and the system must be expanded to meet the service demands of new campus facilities and programs. The Steam Expansion Phase 1 project will provide a new 150,000 pound per hour boiler and ancillary equipment in a new building of
approximately 6,000 assignable square foot at the existing UC Davis Central Heating and Cooling Plant (CHCP). The site layout for the Steam Expansion Phase 1 has been planned to accommodate future expansions of the steam plant. At this time, no expansion beyond the Steam Expansion Phase 1 project is proposed. This Initial Study evaluates the potential environmental impacts of the Steam Expansion Phase 1 project and any further expansion of the steam capacity at UC Davis would require additional environmental review.

Environmental Review and Comment

Based on the analysis presented in the Draft Tiered Initial Study, the campus proposes to adopt a Mitigated Negative Declaration for the proposed project. Copies of the Draft Tiered Initial Study and Proposed Mitigated Negative Declaration are available during normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at http://www.ormp.ucdavis.edu/environreview/.

We appreciate your prompt acknowledgement and review of this Draft Tiered Initial Study and Proposed Mitigated Negative Declaration. Due to the time limits mandated by state law, the document's 30-day review period will extend from July 5, 2005 through August 3, 2005. Comments must be received before 5:00 p.m. on August 3, 2005. They may be e-mailed to environreview@ucdavis.edu or sent to:

John A. Meyer  
Vice Chancellor- Resource Management and Planning  
376 Mrak Hall  
University of California  
One Shields Avenue  
Davis, CA 95616

If you have any questions about the project, please contact Sid England, Director of Environmental Planning, at (530) 752-2432 or Rick Keller, Assistant Vice Chancellor – Capital Resource Management, at (530) 752-2433.

Sincerely,

John A. Meyer  
Vice Chancellor – Resource Management and Planning

Enclosures:  
15 copies of the Draft Tiered Initial Study and Proposed Mitigated Negative Declaration
1 Notice of Completion and Environmental Document Transmittal Form

C: Notice of Intent, Notice of Completion and Environmental Document Transmittal Form, and Draft Tiered Initial Study sent to addresses on attached list
Form A
Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, PO Box 3044, Sacramento, CA 95812-3044 916/445-0613

Project Title: Steam Expansion Phase 1 Project
Lead Agency: University of California
Street Address: Office of Resource Management and Planning, UC Davis
City: Davis Zip: 95616
County: Yolo

Project Location:
County: Yolo City/Nearest Community: Davis
Cross Streets: Dairy Road and Hutchison Drive Zip Code: 95616 Total Acres: 0.5
Assessor's Parcel No.: NA Section: 16
Within 2 Miles: State Hwy #: SR 113 and I-80 Twp: 8N Range: 2E Base: Mt. Diablo
Waterways: Putah Creek
Airports: University Airport
Railways: Union Pacific
Schools: Davis Joint Unified

Document Type:
CEQA: ☐ NOP ☐ Supplement/Subsequent EIR ☐ NEPA: ☐ NOI ☐ Joint Document
☐ Early Cons (Prior SCH No.) ☐ Other ☐ Final Document
☐ Neg Dec ☐ Other ☐ Draft EIS ☐ Other
☐ Draft EIR

Local Action Type:
☐ General Plan Update ☐ Specific Plan ☐ Rezone ☐ Annexation
☐ General Plan Amendment ☐ Master Plan ☐ Prezone ☐ Redevelopment
☐ General Plan Element ☐ Planned Unit Development ☐ Use Permit ☐ Coastal Permit
☐ Community Plan ☐ Site Plan ☐ Land Division (Subdivision, etc.) ☐ Other Project Approval

Development Type:
☐ Residential: Units __________ Acres __________ ☐ Water Facilities: Type __________ MGD
☐ Office: Sq.ft. __________ Acres __________ Employees __________
☐ Commercial: Sq.ft. __________ Acres __________ Employees __________
☐ Industrial: Sq.ft. 7000 Acres 0.5 Employees __________
☐ Educational
☐ Recreational
☐ Transportation: Type __________
☐ Mining: Mineral __________
☐ Power: Type __________ Watts
☐ Waste Treatment: Type __________
☐ Hazardous Waste: Type __________
☐ Other:

Funding (approx.): Federal $ -- State $ 12,000,000 Total $ 12,000,000

Project Issues Discussed in Document:
☐ Aesthetic/Visual ☐ Flood Plain/Flooding ☐ Schools/Universities ☐ Water Quality
☐ Agricultural Land ☐ Forest Land/Fire Hazard ☐ Septic Systems ☐ Water Supply/Groundwater
☐ Air Quality ☐ Geologic/Seismic ☐ Sewer Capacity ☐ Wetland/Riparian
☐ Archeological/Historical ☐ Minerals ☐ Soil Erosion/Compaction/Grading ☐ Wildlife
☐ Coastal Zone ☐ Noise ☐ Solid Waste ☐ Growth Inducing
☐ Drainage/Absorption ☐ Population/Housing Balance ☐ Toxic/Hazardous ☐ Landuse
☐ Economic/Jobs ☐ Public Services/Facilities ☐ Traffic/Circulation ☐ Cumulative Effects
☐ Fiscal ☐ Recreation/Parks ☐ Vegetation ☐ Other

Present Land Use/Zoning/General Plan Designation:
Support Facilities

Project Description:
See attached public notice.
### Reviewing Agencies Checklist

**Resources Agency**
- Boating & Waterways
- Coastal Commission
- Coastal Conservancy
- Colorado River Board
- Forest & Fire Protection
- Office of Historic Preservation
- Parks & Recreation
- Reclamation Board
- S.F. Bay Conservation & Development Commission
- Water Resources (DWR)

**Business, Transportation & Housing**
- Aeronautics
- California Highway Patrol
- CALTRANS District #3
- Department of Transportation Planning (headquarters)
- Housing & Community Development

**Food & Agriculture**

**Health & Welfare**
- Health Services

**State & Consumer Services**
- General Services
- OLA (Schools)

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**Environmental Protection Agency**
- Air Resources Board
- California Waste Management Board
- SWRCB: Clean Water Grants
- SWRCB: Delta Unit
- SWRCB: Water Quality
- SWRCB: Water Rights
- Regional WQCB #5

**Youth & Adult Corrections**
- Corrections

**Independent Commissions & Offices**
- Energy Commission
- Native American Heritage Commission
- Public Utilities Commission
- Santa Monica Mountains Conservancy
- State Lands Commission
- Tahoe Regional Planning Agency

**Other**
- Yolo-Solano AQMD

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**Public Review Period** (to be filled in by lead agency)

Starting Date: July 5, 2005

Ending Date: August 3, 2005

Signature: [Signature]

Date: [Date]

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**Lead Agency** (Complete if applicable):

Consulting Firm: [Consulting Firm]

Address: [Address]

City/State/Zip: [City/State/Zip]

Contact: [Contact]

Phone: [Phone]

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**For SCH Use Only:**

Date Received at SCH: [Date]

Date Review Starts: [Date]

Date to Agencies: [Date]

Date to SCH: [Date]

Clearance Date: [Date]

Notes: [Notes]
PUBLIC NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION
STEAM EXPANSION PHASE 1

Proposed Project
UC Davis proposes to construct and operate the Steam Expansion Phase 1 project to add heating and cooling capacity to meet projected campus needs for steam production through 2011. In addition, the project would increase the reliability of the steam plant by providing sufficient capacity to allow for routine maintenance, unexpected shutdowns, and exceptional peaks in heating and cooling demand. The available capacity of the existing steam system is currently exceeded, requiring reserve capacity to be used to meet peak system demands. At the present time, the reliability of the existing system is low because if one of the primary steam boilers fails during a period of peak demand, there is no backup unit in reserve to maintain the necessary level of service. Major maintenance for the boilers at this time must be limited to work which can be completed during off-peak periods. If a boiler did fail during a period of peak demand, it would impact not only routine building heating and cooling, but also would affect important laboratory equipment functions and the maintenance of research materials critically dependent upon continued refrigeration.

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Project Objectives
The proposed project is a component of growth consistent with the 2003 LRDP. The primary objective of the 2003 LRDP is to plan for anticipated growth in student enrollment, faculty and staff employment and UC-affiliated activities on the campus. In addition, the 2003 LRDP aims to:

- create a physical framework to support the teaching, research, and public service mission of the campus;
- manage campus lands and resources in a spirit of stewardship for the future; and
- provide an environment that enriches campus life and serves the greater community.

The proposed project would support these main 2003 LRDP objectives by providing energy efficient cooling and heating supply for the central campus. Adequate provision of campus infrastructure is an important component of the physical framework for the campus.

The campus has identified the following objectives for the proposed Steam Expansion Phase 1 project:

- The proposed project would help maintain a healthy environment and would respect interconnections between the natural and built environment by providing an efficient and low-emission source of heating and cooling supply.
- The project would expand the use of campus-based support systems. By providing an expansion to the CHCP, the campus could continue to ensure the reliability of campus steam and chilled water.
The proposed project would contribute to the principle of flexibility by ensuring that campus heating and cooling capacity is available to serve new initiatives.

Environmental Review
In accordance with the California Environmental Quality Act (CEQA) and state and University of California guidelines for implementing CEQA, a Draft Tiered Initial Study was prepared to determine if an Environmental Impact Report, Mitigated Negative Declaration, or a Negative Declaration is required for the project. Based on the analysis in the Draft Tiered Initial Study, the campus has proposed that a Mitigated Negative Declaration be prepared for this project. Based on the analysis presented in the Draft Tiered Initial Study, a project-specific mitigation measure to ensure adequate noise reduction from the steam production equipment is proposed. The proposed mitigation measure would ensure that the potential noise effects from the Steam Expansion Phase 1 project would be mitigated to a less-than-significant level. The final determination of the environmental review document will be made after comments have been received on the Draft Tiered Initial Study and Proposed Mitigated Negative Declaration.

The Draft Tiered Initial Study for the Steam Expansion Phase 1 project is tiered from the 2003 LRDP EIR (State Clearinghouse No. 2002102092) in accordance with Sections 15152 and 15168(d) of the CEQA Guidelines (Title 14, California Code of Regulations, Sections 15000 et seq.) and Public Resource Code Section 21094. The 2003 LRDP EIR is a Program EIR, prepared pursuant to Section 15168 of the CEQA Guidelines and Section 21080.09 of the Public Resources Code. The 2003 LRDP EIR analyzed full implementation of uses and physical development proposed under the 2003 LRDP through the year 2015-16 to accommodate a projected total enrollment level of 31,500 students and identified measures to mitigate the significant adverse project and cumulative impacts associated with that growth. The proposed project is within the scope of the campus development that was anticipated in the 2003 LRDP and evaluated in the 2003 LRDP EIR. The 2003 LRDP and its EIR are available for review during normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at http://www.ormp.ucdavis.edu/environreview/.

Public Review and Comment
The public and agency review period for the Draft Tiered Initial Study and Proposed Mitigated Negative Declaration will be from July 5 to August 3. Copies of the Draft Tiered Initial Study and Proposed Mitigated Negative Declaration are available during normal operating hours at the UC Davis Office of Resource Management and Planning in 376 Mrak Hall on the UC Davis campus; at Reserves in Shields Library on the UC Davis campus; at the Yolo County Public Library, 315 E. 14th Street, Davis; at the Vacaville Public Library, 1020 Ulatis Drive, Vacaville; and online at http://www.ormp.ucdavis.edu/environreview/.

Comments on this Draft Tiered Initial Study and Proposed Mitigated Negative Declaration must be received by 5:00 p.m. on August 3, 2005. They may be e-mailed to environreview@ucdavis.edu or mailed to:

John A. Meyer
Vice Chancellor - Resource Management and Planning
University of California
One Shields Avenue
376 Mrak Hall
Davis, CA 95616
Michael J. Bocchicchio  
Asst. Vice President – Facilities Administration  
University of California, Office of the President  
1111 Franklin Street, 6th Floor #6201  
Oakland, CA 94607-5200

James E. Holst  
Office of the General Counsel of The Regents  
University of California  
300 Lakeside Drive, 7th Floor  
Oakland, CA 94612-3550

Phil Zeniner  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 100  
Sacramento, CA 95801

State of California  
Native American Heritage Commission  
915 Capitol Mall, Room 364  
Sacramento, CA 95814

Department of Toxic Substances Control  
1001 I Street  
Sacramento, CA 95814-2828

Solano County Department of Environmental Management  
601 Texas Street  
Fairfield, CA 94533

Rosanne Taylor  
Department of Conservation  
801 K Street, MS-24-02  
Sacramento, CA 95814

Katherine Eastham  
Caltrans, District 3  
2389 Gateway Oaks Drive  
Sacramento, CA 95833-4321

State of California  
Office of Planning and Research  
1400 Tenth Street  
Sacramento, CA 95814  
(15 copies)

County Clerk  
County of Yolo  
625 Court Street  
Woodland, CA 95695  
(notice only)

Hans Kreutzberg  
Office of Historic Preservation  
P.O. Box 942896  
Sacramento, CA 94296-0001

Craig Stowers  
Department of Fish & Game  
7400 Hendon Way  
Elk Grove, CA 95758

County Clerk  
County of Solano  
600 Texas Street  
Fairfield, CA 94533

Bill Emlen  
City of Davis  
Community Development Director  
23 Russell Boulevard  
Davis, CA 95616  
(3 copies)
John Bencomo  
Planning Department  
County of Yolo  
292 West Beamer Street  
Woodland, CA 95695

Christopher Manske  
Solano County Planning  
601 Texas Street  
Fairfield, CA 94533

Thomas To  
Yolo County Department of Public Health  
Environmental Health Services  
10 Cottonwood Street  
Woodland, CA 95695

Environmental Services  
Department of Fish and Game  
1701 Nimbus Road, Suite A  
Rancho Cordova, CA 95670

Wayne White  
U.S. Fish and Wildlife Service  
Ecological Services  
2800 Cottage Way #W-2605  
Sacramento, CA 95825-1888

Mat Ehrhardt  
Yolo-Solano Air Quality Management District  
1947 Galileo Court, Suite 103  
Davis, CA 95616

Richard McHenry  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive #200  
Rancho Cordova, CA 95670-6114

Russell Huck  
Environmental Management Branch  
Department of Health Services  
P.O. Box 942732  
Sacramento, CA 94234-7320

Peter Venturini  
Air Resources Board  
1001 I Street  
Sacramento, CA 95814

Sue O'Leary  
Permitting and Inspection Branch, MS #15  
California Integrated Waste Management Board  
1001 I Street  
PO Box 4025  
Sacramento, California 95812-4025

Jim Hockenberry  
State Water Resources Control Board  
Division of Clean Water Programs  
P.O. Box 944212  
Sacramento, CA 94244-2120

The Honorable Lois Wolk  
California State Assembly  
State Capital  
Sacramento, CA 95814