To: John Payne, Associate Director - University Centers

September 27, 2012

From: Brian Heyman, Interim Campus Fire Marshal - EH&S

Sub: Fire Inspection of Crafts Center

As requested by management of UCEN, I conducted a fire inspection of the Crafts Center in accordance with Title 19 of the California Code of Regulations. Fire inspections of all facilities at UCSD are required by the Office of the State Fire Marshal. The fire inspection of the Crafts Center was requested by UCEN following a Facility Condition Assessment performed by ISES Corporation, to provide a more complete assessment of the facility with regard to Fire and Life Safety.

The fire inspection was performed on August 20, 2012. You and UCEN Facilities Supervisor Joe Arcia accompanied me, along with Crafts Center staff Paul Linsley and Sharon Rook. The attached "Fire & Life Safety Inspection" form identifies general deficiencies and supporting code citations which apply. Please complete the form, sign it and send me a copy.

As you know, since the fire inspection was performed, the Assistant Vice Chancellor-Student Life announced on September 26, 2012 that the Crafts Center would be closed during the 2012-13 academic year pending resolution of budget shortfalls and renovations to the facility. Now that the facility is closed and will not be occupied by students, staff, or the public at this time, the urgency to correct the deficiencies noted during the fire inspection is diminished from a life safety perspective.

However, as the ISES report states in the Fire/Life Safety section beginning on page 1.2.2, the facility is not currently protected by any form of fire detection or notification, nor is it provided with a fire sprinkler system. This fire inspection report focuses on these deficiencies.

While the building was not required by code at the time it was originally constructed to be protected with automatic fire sprinklers or a fire alarm system, given the readily combustible open beam wood-frame construction, wood siding and decking that surrounds the Crafts Center, the fact that several eucalyptus trees actually grow through the roof of the building and provide a leafy canopy from which fire could quickly spread to adjacent structures, and that multiple sources of ignition for a fire from kilns and other equipment are prevalent in the operation of the facility, the Campus Fire Marshal's Office strongly recommends the Crafts Center be retrofitted with automatic fire sprinklers and a fire alarm system, before it reopens.

Retrofitting the building with fire sprinklers and a fire alarm system would also ameliorate the inadequacy of exits and other life safety issues identified in the ISES report, in the opinion of our office.

In the meantime, the Campus Fire Marshal's Office further recommends that a plan for fire safety during closure be implemented to prevent a fire within the Crafts Center while it is vacant. The fire safety plan should include the following:

- Severance of utilities to the building, especially natural gas, which supplies the kilns and other gas-fired equipment.
- 2. Erection of a temporary construction fence around the perimeter of the facility to keep vagrants and others who may start a fire out.
- 3. Posting of "No Smoking" and "No Trespassing" signs on the perimeter fence.
- Removal of compressed gas, flammable liquids, and other hazardous materials from the facility and grounds.
- Removal of tree branches hanging over the building and thinning of ornamental shrubbery between the Crafts Center and adjacent Student Center to slow potential fire spread, and to provide defensible space for firefighting operations.

Should you have any questions or concerns about this report or need assistance from our office, please contact me.

Thank you.

Sincerely.

Brian Heyman, Interim Campus Fire Marshal

CC: Garry Mac Pherson, Director EH&S

UNIVERSITY OF CALIFORNIA, SAN DIEGO Occupancy

9500 Gilman Drive, # 0920, San Diego, CA 92093 (858) 534-3660 FIRE & LIFE-SAFETY INSPECTION Building Name CRAFF CENTER Building Address (if assigned) MC 0076 PCW Suite 3, 3 0 5 Building Manager JOHN PRIVE Dept. Safety Officer Emerg. Phone (1) Emerg. Phone (2) Emerg. Phone (3)	
MEASURES SHOULD BE TAKEN TO CORRECT ALL DEFICIENCIES I	ISTED HEREIN
MEASURES SHOULD BE TAKEN TO CORRECT ALL DEFICIENCIES I	erence California Fire Code 2010 Edition
ACCESS a. Provide building name, which is visible from the street. Numbers on a contrasting background & label rear	
G001,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CFC 505.1
C. Restore fire lane marking – red curbs/white stencil on top of curb "NO PARKING FIRE LANE"	CFC 506.1 CFC 503.3
d. Fire lane obstructions – the width of fire access roads shall not be obstructed, including parked vehicles.	CFC 503.4
EXITS a. Repair non-operable exit hardware /maintain all means of egress components; doors, locks, etc	CFC CH 10
Li Li D. Kemove storage and obstructions from exits, aisles, corridors, and stairways, stairwells.	CFC 1003.6
L C. Remove all other locks or latches from doors with panic hardware.	CFC 1008.1.9
d. Repair or maintain (illuminated) exit signs and exit way lighting to include battery/emergency power	CFC 1030.4
LI LI T. Manually Operated flush bolts or surface mounted bolts are not permitted.	CFC 1008.1.8 CFC 1008.1.9.4
FIRE EXTINGUISHERS	CFC 1000.1.9.4
Provideextinguisher(s) of a 4A60BC (ten-pound) minimum rating (campus standard). Mount extinguisher (s) on wall where they are readily accessible and visible and in the path of exit travel, keeping the top of the extinguisher NO higher than 5 feet (travel distance NO more than 75 feet) and a	CFC 906.2 & T-19 CH 3 CFC 906.9.3
minimum of 4 feet in height.	
Post signs indicating location where extinguishers are not readily visible. Service and tag (by state licensee) each extinguisher annually or after each use	CFC 906.6
e. Provide a fire extinguisher labeled for Class K fires within 30 feet of food heat-processing equipment	CFC 906; 2 & T-19 CH 3 CFC 906; 904.11.5.2
ELECTRICAL	01 0 300, 304, 11.3.2
Discontinue the use of extension cords as a substitute for permanent wiring. Discontinue the use of extension cords as a substitute for permanent wiring. Multiplug adapters, such as cube adapters and any unfused plug strips are prohibited.	CFC 605.5
1 1 C. Extension cords and nexible cords shall not be affixed to structures extend through walls onlines or	CFC 605.4
itions of under doors or floor coverings (rugs or mats)	CFC 605.5
Maintain a 30-inch clearance in front of all electrical panels. Repair or replace damaged or spliced electrical cords.	CFC 605.3 CFC 605.1
f. Provide cover plates for outlets / boxes .	CFC 605.1
☐ ☐ ☐ ☐ Are Label or identify main electrical room & label circuit breakers	CFC 605,3.1
☐ ☐ h. Combustible materials shall not be stored in boiler rooms, mechanical or electrical rooms	CFC 315.2.3
☐ ☐ a Maintain access to fire hydrants, FDC, PIV and OS&Y with a minimum of 3 feet of clearance	CFC 507.5.4 & 507.5.5
D. Reduce storage to 18 inches below level of sprinklers or 24 inches below ceiling in possprinklered	GI G 307.0.4 & 307.3.5
buildings . C. Replace damaged, corroded, or painted sprinkler heads	CFC 315.2.1
Flovide spare sprinkler heads (6 minimum) and sprinkler wrench	CFC 901.6 NFPA 13; 6.2.9.1; 6.2.9.6
L C. Service and tag (by state licensee) hood and duct extinguishing system over cooking assisment	111 1 10, 0.2.3.1, 0.2.3.0
semi-annually and after each use	CFC 904. CFC 904.
G. Service and tag (by state licensee) automatic fire extinguishing and standnine systems every 5 years or	Of C 304.
as required	CFC 901.6; CH 3 & 5 T-19
GENERAL FIRE SAFETY	CFC 901.6
a Improve housekeeping: maintain storage in a neat and orderly manner.	CFC 315.2 & T-19-3.19
Oily rags and similar materials must be stored in a self-closing, approved metal container. Repair or replace all holes in walls/ceilings (e.g. missing tiles) in fire-resistive construction.	CFC 304.3.1
Provide minimum 30-inch clearance between heat producing appliances and combustible materials	CFC 703.1 CFC 305; 315; 603.5
Provide a minimum of 5-feet clearance between dumnster and building openings or combustible walls or	OF C 305, 315, 603.5
eaves or provide sprinkler protection	CFC 304.3.3
FLAMMABLE LIQUIDS	CFC 3003.5.3
a. Maximum allowable quantities of combustible/flammable liquids shall not exceed those identified in the California Fire Code	CFC 3404.3.4.1
□ □ b. Flammable/combustible liquids exceed exempt amount; obtain a flammable/combustible liquids permit	CFC 105.6.16 #2
ADDITIONAL COMMENTS AND/OR REQUIREMENTS: SEE PAIL HEAVY	
Dept. Safety Officer Signature:	1- 11 0
1/2/2-22/	MSSOC. Director
nspector: HEMMAN pate Compliance Gained:	
te-inspection #1/Corrections due by:	
e-inspection #1/Corrections due by: Re-inspection #2 due by:	