



*Phil*  
DOW CHEMICAL U.S.A.

PLAINTIFF'S EXHIBIT

DOW-862

June 29, 1990

TO: ALL EMPLOYEES

RE: ASBESTOS NOTIFICATION LAW

On January 1, 1989, the California Asbestos Notification Law became effective. This law requires owners of buildings constructed prior to 1979 to notify all employees if the buildings where they work contain asbestos. This letter is being sent to you in order to comply with this law. The Company does not believe that the presence of asbestos in the buildings poses a threat to human health or the environment.

#### ATTACHMENT

Attached to this letter is a summary of the results of any Asbestos Survey conducted at your location. Included in the summary is the building number, the location of any asbestos in the building, its description, the results of sampling conducted, and the recommended response to be taken. The individual surveys for each building and the description of the sampling and analytical methods used are available during normal working hours through your Industrial Hygiene Function. Bulk samples were analyzed using the Environmental Protection Agency "Interim Method for the Determination of Asbestos in Bulk Insulation Samples, EPA 600/M4-82-020, Dec. 1982." Air Samples were analyzed using the "NIOSH (National Institute of Occupational Safety and Health) Method 7400."

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#### HANDLING PROCEDURES

There must be no disturbance of asbestos containing building construction material without prior notification to and approval from supervision. Disturbance of this material could release fibers into the air and this must be minimized. This means no drilling, sawing, pounding, or using power or hand tools, for example. Report any damage to asbestos containing construction materials which you observe -- such as flaking, peeling, breaks with rough edges, etc. -- immediately to supervision.

**BEFORE** any remodeling, renovation, or maintenance which could involve asbestos containing material, the notification procedures in the Division Asbestos Guidelines must be followed. The use of these procedures will ensure proper containment and handling. The Guidelines have been widely distributed in the past and are available through your Industrial Hygiene Function.

#### **POTENTIAL HEALTH RISKS**

Extensive air sampling during removal projects in our plants has shown very low fiber levels. Although no air monitoring has been conducted in office buildings during normal working conditions, it is expected that these levels would be much lower than levels found during a removal project. No significant health risk, therefore, would be expected. Harmful exposure conditions (meaning both level of airborne asbestos fibers and duration of exposure) can cause progressive lung impairment (asbestosis), cancer of the lung, and cancer of body cavity linings (mesothelioma). Please refer to the Division Asbestos Guidelines, pamphlets which have been distributed, and your local Industrial Hygiene and Medical Functions for specific details on health effects associated with asbestos.

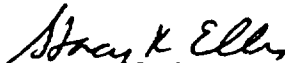
Please note, only such materials which are in good condition or which are non-friable (not prone to releasing airborne fibers) will be left in place. All other asbestos containing construction material will be removed. In addition, following the procedures outlined above will minimize any potential health impact from asbestos containing materials in our buildings.

#### **INDUSTRIAL HYGIENE FUNCTION**

The following is a list of the people and the phone numbers of the Industrial Hygiene Function in your location:

|           |                |       |
|-----------|----------------|-------|
| Pittsburg | Stacy Ellis    | x5183 |
| LA Ops.   | Vickie Teas    | x5336 |
| Fresno    | Bryan Corcoran | x7669 |

Should you have any questions regarding this letter, please feel free to contact us.

  
Stacy Ellis  
Industrial Hygiene

ST0343475

| BLDG. | LOCATION                  | DESCRIPTION                                 | RESULTS  | FRIABLE | RECOMMENDED RESPONSE |
|-------|---------------------------|---------------------------------------------|----------|---------|----------------------|
| 125   | Upstairs Men's Room       | Tile                                        | 10-15%   | N/A     | N/A                  |
| 140   | Control Room              | Outside walls                               | Transite | N/A     | N/A                  |
| 140   | Control Room              | Sprayed on material inside ceiling          | 5-10%    | N/A     | N/A                  |
| 140   | Storage Bldg.             | Walls                                       | Transite | N/A     | N/A                  |
| 210   | Maintenance shop          | South wall                                  | Transite | N/A     | N/A                  |
| 210   | Maintenance shop          | Walls in I&E shop                           | Transite | N/A     | N/A                  |
| 210   | Maintenance shop          | Roof over MCC                               | Transite | N/A     | N/A                  |
| 210   | Maintenance shop          | East wall                                   | Transite | N/A     | N/A                  |
| 210   | Maintenance               | West wall                                   | Transite | N/A     | N/A                  |
| 210   | CO2 Tank                  | Roof over tank                              | Transite | N/A     | N/A                  |
| 210   | Bldg. #112                | MCC Bldg. 112                               | Transite | N/A     | N/A                  |
| 210   | CO2 Tank                  | West Wall                                   | Transite | N/A     | N/A                  |
| 210   | Cooling Towers            | H-1 and H-2                                 | Transite | N/A     | N/A                  |
| 210   | Maintenance               | Floor tile in I&E shop                      | 1-5%     | N/A     | N/A                  |
| 210   | Cell Repair Office        | Tile                                        | 1-5%     | N/A     | N/A                  |
| 210   | Cell Repair Lunch Room    | Tile                                        | 45-50%   | N/A     | N/A                  |
| 210   | Outside line              | South of control room                       | 15-20%   | N/A     | N/A                  |
| 220   | Loading rack shack        | Walls                                       | Transite | N/A     | N/A                  |
| 220   | MCC room                  | Walls                                       | Transite | N/A     | N/A                  |
| 220   | Switch room #6            | Walls                                       | Transite | N/A     | N/A                  |
| 220   | Switch room #7            | Walls                                       | Transite | N/A     | N/A                  |
| 220   | Switch room #6            | Wall below switch room                      | Transite | N/A     | N/A                  |
| 220   | Switch room #7            | Wall below switch room                      | Transite | N/A     | N/A                  |
| 220   | T-220                     | Tank covering                               | Transite | N/A     | N/A                  |
| 220   | East of switch room #8    | Wall                                        | Transite | N/A     | N/A                  |
| 220   | Loading rack shack        | Packing between transite and frame          | 30-50%   | N/A     | N/A                  |
| 220   | Control room              | floor tile                                  | 1-5%     | N/A     | N/A                  |
| 220   | Lunch room                | floor tile                                  | 1-5%     | N/A     | N/A                  |
| 220   | Laboratory                | floor tile                                  | 1-5%     | N/A     | N/A                  |
| 220   | Restroom                  | Floor tile                                  | Trace    | N/A     | N/A                  |
| 310   | Warehouse                 | Pipe Insulation                             | 20-30%   | Yes     | O&M Program          |
| 310   | South Side                | Steam Pipe Insulation                       | 30-35%   | Yes     | O&M Program          |
| 310   | Next To Lab               | Linoieum                                    | 35-40%   | No      | O&M Program          |
| 310   | Locker room               | Linoieum                                    | 35-40%   | No      | O&M Program          |
| 361   | South End of Basement     | Black 9"x9" floor tile                      | 5-10%    | No      | O&M Program          |
| 361   | Basement, Across From B-6 | 6" pipe insulation                          | 5-10%    | No      | O&M Program          |
| 361   | Basement, Off of Room B-6 | 12"x12" floor tile                          | 1-5%     | No      | O&M Program          |
| 361   | Room E17                  | Sand Plaster ceiling                        | 1-5%     | Yes     | O&M Program          |
| 361   | Room W8                   | Pipe insulation                             | 55-50%   | Yes     | O&M Program          |
| 361   | Room W8                   | Pipe elbow insulation                       | 45-50%   | Yes     | O&M Program          |
| 361   | Hallway Next To Lobby     | Grey floor tile & acoustic ceiling material | 5-20%    | No      | O&M Program          |
| 361   | Room W8                   | Tape on ducts                               | 30-35%   | No      | O&M Program          |
| 460   | Hallway                   | Acoustic Ceiling material                   | 5-10%    | Yes     | O&M Program          |
| 463   | Room 1                    | 4" Steam Pipe Insulation                    | 35-45%   | Yes     | Repair O&M Prog      |
| 463   | Room 2                    | 4" Steam Pipe Insulation                    | 35-45%   | Yes     | Repair O&M Prog      |
| 463   | Room 3                    | 4" Steam Pipe Insulation                    | 35-45%   | Yes     | Repair O&M Prog      |
| 463   | Rm 4 Above ceiling        | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Rm 5 Above ceiling        | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Rm 6 Above ceiling        | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 7                    | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 8                    | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Hallway 8                 | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Storeroom                 | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 11                   | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 12                   | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 13                   | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |
| 463   | Room 14                   | 4" Steam Pipe Insulation                    | 40-50%   | Yes     | Repair O&M Prog      |

| BLDG | LOCATION                                    | DESCRIPTION                                | RESULTS | FRIABLE | RECOMMENDED RESPONSE |
|------|---------------------------------------------|--------------------------------------------|---------|---------|----------------------|
| 463  | 1st Floor office 41                         |                                            |         |         |                      |
|      | 842 above ceiling                           | 4" Steam Pipe Insulation                   | 40-50%  | Yes     | Repair O&M Prog      |
| 463  | Room 1                                      | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 2                                      | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 3                                      | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Rm 4 Above ceiling                          | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Rm 5 Above ceiling                          | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Rm 6A Above ceiling                         | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Rm 11 Above ceiling                         | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 12                                     | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 13                                     | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 14                                     | 4" Filtered Water Pipe Insulation          | 35-35%  | Yes     | Repair O&M Prog      |
| 463  | 1st Floor mens room                         | White & Brown                              | 10-15%  | No      | O&M Program          |
| 463  | Lab 13 & Office                             | Marble 12"x12" floor tile                  | 10-15%  | No      | O&M Program          |
| 463  | Rm 4 Offices                                | Green 9"x9" floor tile                     | 20-25%  | No      | O&M Program          |
| 463  | Hallway B                                   | Steam pipe elbow above ceiling             | 35-45%  | Yes     | Repair O&M Prog      |
| 463  | Storeroom                                   | Light grey 12"x12" floor tile              | 1-5%    | No      | O&M Program          |
| 463  | Storeroom                                   | 8" Steam Pipe Insulation                   | 15-30%  | Yes     | Repair O&M Prog      |
| 463  | Room 9                                      | 8" Steam Pipe Insulation                   | 15-30%  | Yes     | Repair O&M Prog      |
| 463  | Room 10                                     | 8" Steam Pipe Insulation                   | 15-30%  | Yes     | Repair O&M Prog      |
| 463  | Room 21                                     | 8" Steam Pipe Insulation                   | 15-30%  | Yes     | Repair O&M Prog      |
| 463  | Room 11                                     | 3" Steam Pipe Insulation                   | 25-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 13                                     | 3" Steam Pipe Insulation                   | 25-35%  | Yes     | Repair O&M Prog      |
| 463  | Room 16                                     | 3" Steam Pipe Insulation                   | 25-35%  | Yes     | Repair O&M Prog      |
| 463  | Rm 19C                                      | Paper insulation on 4" pipe                | 15-20%  | Yes     | Repair O&M Prog      |
| 463  | Rm 18                                       | above ceiling                              |         | Yes     | Repair O&M Prog      |
| 463  | Above Hallway Ceiling, North End, 2nd Floor | Paper on duct work above 2nd floor ceiling | 55-50%  | Yes     | Repair O&M Prog      |
| 463  | Room 23                                     | Light grey 12"x12" floor tile              | 5-10%   | No      | O&M Program          |
| 463  | Copy Room                                   | Pipe insulation above ceiling              | 30-40%  | Yes     | Removal.             |
| 463  | Penthouse mech. room                        | Packing material around pipe               | 5-10%   | Yes     | O&M Program          |
| 463  | Penthouse mech. room                        | Cloth wrap around pipe                     | 80-90%  | Yes     | Repair O&M Prog      |
| 463  | Penthouse mech. room                        | Felt wrap around 4" pipe                   | 35-45%  | Yes     | O&M Program          |
| 463  | Penthouse mech. room                        | Taping material in duct work               | 70-80%  | Yes     | O&M Program          |
| 464  | Restrooms                                   | Orange linoleum                            | 15-20%  | No      | O&M Program          |
| 464  | Shop Office                                 | Green 9"x9" floor tile                     | 30-40%  | No      | O&M Program          |
| 464  | Bldg. 464                                   | 3" Pipe elbow                              | 35-50%  | Yes     | Repair O&M Prog      |
| 465  | I.H. Room                                   | Tan 12"x12" floor tile                     | 10-15%  | No      | O&M Program          |
| 466  | Next to I.H. Room                           | Spray on fireproofing                      | 25-30%  | Yes     | Removal              |
| 466  | Room A                                      | 3" Pipe Insulation                         | 25-30%  | Yes     | Removal              |
| 471  | Equipment room                              | Pipe Insulation                            | 40-45%  | Yes     | O&M Program          |
| 471  | Equipment room                              | Pipe elbow insulation                      | 50-55%  | Yes     | O&M Program          |
| 471  | X-ray room                                  | Grey linoleum                              | 5-10%   | No      | O&M Program          |
| 562  | Office and lab                              | 3" off-white pipe insulation above ceiling | 10-15%  | Yes     | Repair O&M Prog      |
| 562  | High Pressure Lab                           | 3" off-white pipe elbow                    | 5-15%   | Yes     | O&M Program          |
| 562  | East Side of Building                       | 3" off-white pipe insulation               | 5-10%   | Yes     | Repair O&M Prog      |
| 562  | Fume hood "H1"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
|      |                                             | 1 1/4" colorlith lab top                   | Assumed | No      | O&M Program          |
| 562  | Fume Hood "H2"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
|      |                                             | 1 1/4" colorlith lab top                   | Assumed | No      | O&M Program          |
| 562  | Fume Hood "H3"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
|      |                                             | 1 1/4" colorlith lab top                   | Assumed | No      | O&M Program          |
| 562  | Fume Hood "H4"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
| 562  | Fume Hood "H5"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
|      |                                             | 1 1/4" colorlith lab top                   | Assumed | No      | O&M Program          |
| 562  | Fume Hood "H3"                              | 1/4" transite lining                       | Assumed | No      | O&M Program          |
| 562  | Center of room                              | 1 1/4" colorlith lab top                   | Assumed | No      | O&M Program          |
|      |                                             | 1 1/4" colorlith peg board                 | Assumed | No      | O&M Program          |
| 563  | Control Room, Level 1                       | Brown 12"x12" floor tile                   | 3-8%    | No      | O&M Program          |
| 563  | Control Room, Level 2                       | Brown 12"x12" floor tile                   | 3-8%    | No      | O&M Program          |

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| BLDG. | LOCATION                         | DESCRIPTION                                                        | RESULTS     | FRIABLE | RECOMMENDED RESPONSE |
|-------|----------------------------------|--------------------------------------------------------------------|-------------|---------|----------------------|
| 563   | Control Room, Level 1            | White linoleum in rest room                                        | 25-30%      | No      | O&M Program          |
| 563   | Control Room, Level 2            | White linoleum in rest room                                        | 25-30%      | No      | O&M Program          |
| 563   | Control Room, Level 2            | Dark Brown 12"x12" floor tile                                      | 5-10%       | No      | O&M Program          |
| 564   | Bay 7, Levels 1 to 4             | 24" Insulation on B1                                               | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | Bay 7, Levels 1 to 4             | 24" Insulation on B2                                               | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | Bay 7, Levels 1 to 3             | 24" Insulation on B3                                               | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | Bay 9, Level 3                   | Tank on West Side                                                  | 1-5%        | Yes     | O&M Program          |
| 564   | West side of Bay 6, Level 2      | 10" Insulation around valve                                        | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | West side of Bay 10, Level 2     | Mud insulation on top of tank                                      | 20-25%      | Yes     | O&M Program          |
| 564   | South side of Bay 8, Level 2     | 3" Steam pipe Insulation,                                          | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | Bay 10, Level 1                  | 4" pipe Insulation on Chloropyridine tank outside of Bay 10        | 1-5%        | Yes     | Repair O&M Prog      |
| 564   | Bay 10, Level 1                  | Insulation on Chloropyridine tank                                  | 1-5%        | Yes     | Repair o&M Prog      |
| 564   | Bay 9, Level 1                   | Insulation on tank, middle of Bay                                  | 5-10%       | Yes     | O&M Program          |
| 566   | North Side of Building           | 3" off-white pipe insulation                                       | 25-35%      | Yes     | Removal              |
| 566   | North Side, East of Building     | Off white cloth wrap on pipe                                       | 55-55%      | Yes     | Removal              |
| 566   | Fume hood "A"                    | 1/4" transite lining                                               | Assumed     | No      | O&M Program          |
|       |                                  | 1&1/4 colorlith lab top                                            | Assumed     | No      | O&M Program          |
| 566   | Fume hood "B"                    | 1/4" transite lining                                               | Assumed     | No      | O&M Program          |
|       |                                  | 1&1/4" colorlith lab top                                           | Assumed     | No      | O&M Program          |
| 566   |                                  | Corrugate Transite Siding                                          | Assumed     | No      | O&M Program          |
| 1019  | 1st floor A/C room               | Butuminous cover on 8" chill water line                            | 50 l.f.     | Yes     | Repair, O&M.         |
| 1019  | 1st floor A/C room               | Wall plaster                                                       | N/A         | N/A     | N/A                  |
| 1019  | 1st floor A/C room               | 4" to 6" pipe insulation                                           | 50 l.f.     | Yes     | Repair, O&M.         |
| 1019  | 1st floor hallway                | Insulation on 4" pipe                                              | 180 l.f.    | Yes     | Repair, O&M.         |
| 1019  | 1st floor restroom               | Orange linoleum                                                    | 140 sq.ft.  | No      | O&M Program.         |
| 1019  | 2nd fl. telephone room           | Brown 9"x9" floor tile                                             | 42 sq. ft.  | No      | O&M Program.         |
| 1019  | 2nd floor hallway                | Lt. green floor tile under carpet                                  | N/A         | N/A     | N/A                  |
| 1019  | 2nd floor A/C room               | Insulating cement with bituminous cover on chill water return line | 40 sq.ft.   | Yes     | Repair, O&M.         |
| 1019  | 2nd floor A/C room               | Bituminous material on 3/4" pipe                                   | 8 l.f.      | Yes     | O&M Program          |
| 1019  | 2nd floor A/C room               | Insulation on 4" low pressure steam line                           | 70 l.f.     | Yes     | Repair, O&M.         |
| 1019  | 2nd floor A/C room               | Wall plaster                                                       | N/A         | N/A     | N/A                  |
| 1019  | 2nd floor A/C room               | Acoustic panels on door.                                           | N/A         | N/A     | N/A                  |
| 1019  | 2nd floor A/C room               | Insulation on corner of duct work                                  | 375 sq. ft. | Yes     | Repair, O&M.         |
| 1019  | 2nd floor janitor closet         | Insulation on 4" pipe.                                             | 4 l.f.      | Yes     | Repair, O&M.         |
| 1019  | 2nd floor janitor closet         | Wall plaster                                                       | N/A         | N/A     | N/A                  |
| 1019  | 2nd floor janitor closet         | Insulation under canvas of duct work                               | 224 sq. ft. | Yes     | Repair, O&M.         |
| 1019  | 2nd floor lunch room             | White 12"x12" floor tile.                                          | N/A         | N/A     | N/A                  |
| 1019  | 2nd floor vault                  | Brown 9"x9" floor tile.                                            | 140 sq. ft. | No      | O&M Program          |
| 1019  | Above ceiling, 2nd floor hallway | Insulation under canvas of duct work                               | 1500 sq.ft. | Yes     | Repair, O&M.         |
| 1019  | Entrance to room 62              | Orange linoleum                                                    | 32 sq. ft.  | No      | O&M Program          |
| 1019  | Hallway across from room 85      | Sprayed on acoustic ceiling with black paint                       | N/A         | N/A     | N/A                  |
| 1019  | Outside J. Fujii's office        | 2'x4' ceiling tile                                                 | N/A         | N/A     | N/A                  |
| 1019  | Stairs, first floor              | Plaster under stairs                                               | N/A         | N/A     | N/A                  |
| 1019  | Room 62                          | Light green floor tile under carpet                                | N/A         | N/A     | N/A                  |
| 1019  | Room 76                          | Sprayed on acoustic ceiling                                        | N/A         | N/A     | N/A                  |
| 1019  | Rm. 8 storage                    | Light green floor tile under carpet                                | N/A         | N/A     | N/A                  |
| 1019  | Room 80                          | Sprayed on acoustic ceiling                                        | N/A         | N/A     | N/A                  |
| 1019  | Room 84                          | Sprayed on acoustic ceiling                                        | N/A         | N/A     | N/A                  |
| 1019  | Room 91                          | Black batting on fiberglass insulation inside duct work.           | N/A         | N/A     | N/A                  |

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DOW CHEMICAL U.S.A.

June 29, 1989

TO: ALL EMPLOYEES

RE: ASBESTOS NOTIFICATION LAW

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**Quality**  
**Performance**  
Means More At Dow.

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The following is a list of the people and the phone numbers of the Industrial Hygiene Function in your location:

|           |                |       |
|-----------|----------------|-------|
| Pittsburg | Stacy Ellis    | x5183 |
| LA Ops.   | Vickie Teas    | x5336 |
| Fresno    | Bryan Corcoran | x7669 |

Should you have any questions regarding this letter, please feel free to contact them.

*Rick Axe*

F. D. Axe  
Industrial Hygiene

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| BUILDING         | LOCATION            | DESCRIPTION              | RESULTS | FRAGILE          | RECOMMENDED RESPONSE | BUILDING     | LOCATION              | DESCRIPTION           | RESULTS | FRAGILE     | RECOMMENDED RESPONSE |
|------------------|---------------------|--------------------------|---------|------------------|----------------------|--------------|-----------------------|-----------------------|---------|-------------|----------------------|
| Bldg 463         | Room 1              | 4" Steam Pipe            | 35-50%  | Yes              | Repair, O&M Prog     | Bldg 464     | Bldg 464              | 3" pipe insulation    | 35-50%  | Yes         | Repair, O&M Prog     |
|                  | Room 2              | Insulation               |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Room 3              |                          |         | Yes              | Repair, O&M Prog     | Bldg 464     | Bldg 464              | 4" pipe insulation    | 30-40%  | Yes         | Repair, O&M Prog     |
|                  | Rm 4 Above Ceiling  |                          |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Rm 5 Above Ceiling  |                          |         | Yes              | Repair, O&M Prog     | Bldg 469     | Bldg 469              | 3" pipe insulation    | 21-30%  | Yes         | Repair, O&M Prog     |
|                  | Rm 6 Above Ceiling  |                          |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Room 7              |                          |         | Yes              | Repair, O&M Prog     | Bldg 470     |                       | white dash wrap       | 55-60%  | T.S.I       | O&M Program          |
|                  | Room 8              |                          |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Staircase B         |                          |         | Yes              | Repair, O&M Prog     | Bldg 470     | Meats rest Rm         | UPPER                 | 30-35%  | Yes         | O&M Program          |
|                  | Staircase           |                          |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Room 11             |                          |         | Yes              | Repair, O&M Prog     | Bldg 470     |                       | Orange 12" x 12"      | 5-10%   | No          | O&M Program          |
|                  | Room 12             |                          |         | Yes              | Repair, O&M Prog     |              |                       | See 10                |         |             |                      |
|                  | Room 13             |                          |         | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |
|                  | Room 14             |                          |         | Yes              | Repair, O&M Prog     | N/A          | Bottom deck 470       | Pipe insulation on    | 20-25%  | Yes         | Repair, O&M Prog     |
| 1st Floor Office |                     |                          | Yes     | Repair, O&M Prog |                      | 8 464        | H.P.B. Ins.           |                       |         |             |                      |
| 17th St.         |                     |                          | Yes     | Repair, O&M Prog |                      |              |                       |                       |         |             |                      |
| 18th St.         |                     |                          | Yes     | Repair, O&M Prog | Bldg 463             | Room 1       | 1/2" Vitrinite string | Assumed               | No      | O&M Program |                      |
|                  |                     |                          |         |                  |                      |              |                       | 15 1/4" concrete lap  |         |             |                      |
|                  |                     |                          |         |                  |                      |              |                       | See in Line Room      |         |             |                      |
| Bldg 463         | Room 3              | 4" Filtered Water        | 25-35%  | Yes              | Repair, O&M Prog     |              | Room 2                |                       | Assumed | No          | O&M Program          |
|                  | Room 1              | Pipe Insulation          |         | Yes              | Repair, O&M Prog     |              | Room 3                |                       | Assumed | No          | O&M Program          |
|                  | Room 2              |                          |         | Yes              | Repair, O&M Prog     |              | Room 4A               |                       | Assumed | No          | O&M Program          |
|                  | Rm 4 Above Ceiling  |                          |         | Yes              | Repair, O&M Prog     |              | Room 7                |                       | Assumed | No          | O&M Program          |
|                  | Rm 5 Above Ceiling  |                          |         | Yes              | Repair, O&M Prog     |              | Room 8                |                       | Assumed | No          | O&M Program          |
|                  | Rm 6A Above Ceiling |                          |         | Yes              | Repair, O&M Prog     |              | Room 9                |                       | Assumed | No          | O&M Program          |
|                  | Rm 11 Above Ceiling |                          |         | Yes              | Repair, O&M Prog     |              | Room 10               |                       | Assumed | No          | O&M Program          |
|                  | Room 12             |                          |         | Yes              | Repair, O&M Prog     |              | Room 11               |                       | Assumed | No          | O&M Program          |
|                  | Room 13             |                          |         | Yes              | Repair, O&M Prog     |              | Room 12               |                       | Assumed | No          | O&M Program          |
|                  | Room 14             |                          |         | Yes              | Repair, O&M Prog     |              | Room 13               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | 1st Floor Meats     | White & Brown            | 10-15%  | No               | O&M Program          |              | Room 14               |                       | Assumed | No          | O&M Program          |
|                  | Lab 13 & Office     | Orange 12"x12"           |         | No               | O&M Program          |              | Room 15               |                       | Assumed | No          | O&M Program          |
|                  | See 10              |                          |         |                  |                      |              | Room 16               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Rm 4 Office         | Green 7"x7"              | 20-25%  | No               | O&M Program          |              | Room 17               |                       | Assumed | No          | O&M Program          |
|                  | See 10              |                          |         |                  |                      |              | Room 18               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Meats B             | Steam pipe noise         | 35-45%  | Yes              | Repair, O&M Prog     |              | Room 19A              |                       | Assumed | No          | O&M Program          |
|                  | above ceiling       |                          |         |                  |                      |              | Room 19B              |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Staircase           | Light 9" x 12" x 12"     | 1-5%    | No               | O&M Program          |              | Room 19C              |                       | Assumed | No          | O&M Program          |
|                  | See 10              |                          |         |                  |                      |              | Room 19D              |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Staircase           | 8" Steam pipe            | 15-30%  | Yes              | Repair, O&M Prog     |              | Room 20               |                       | Assumed | No          | O&M Program          |
|                  | Room 9              | Insulation               |         | Yes              | Repair, O&M Prog     |              | Room 21               |                       | Assumed | No          | O&M Program          |
|                  | Room 10             |                          |         | Yes              | Repair, O&M Prog     |              | Room 22               |                       | Assumed | No          | O&M Program          |
|                  | Room 21             |                          |         | Yes              | Repair, O&M Prog     |              | Room 23               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Room 11             | 3" Steam pipe            | 25-35%  | Yes              | Repair, O&M Prog     |              | Room 24               |                       | Assumed | No          | O&M Program          |
|                  | Room 13             | Insulation               |         | Yes              | Repair, O&M Prog     |              | Room 25               |                       | Assumed | No          | O&M Program          |
|                  | Room 16             |                          |         | Yes              | Repair, O&M Prog     |              | Room 26               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Rm 19C              | Pipe insulation          | 15-20%  | Yes              | Repair, O&M Prog     |              | Room 27               |                       | Assumed | No          | O&M Program          |
|                  | Rm 18               | on 4" pipe above ceiling |         | Yes              | Repair, O&M Prog     |              | Room 28               |                       | Assumed | No          | O&M Program          |
|                  |                     |                          |         |                  |                      |              | Room 29               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Above hallway       | Paper on duct work       | 55-60%  | Yes              | Repair, O&M Prog     |              | Room 30               |                       | Assumed | No          | O&M Program          |
|                  | Ceiling, Meats      | Above 2nd floor          |         |                  |                      |              | Room 31               |                       | Assumed | No          | O&M Program          |
|                  | End 2nd floor       | ceiling                  |         |                  |                      |              | Room 32               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Room 23             | Light 9" x 12" x 12"     | 5-10%   | No               | O&M Program          |              | Room 33               |                       | Assumed | No          | O&M Program          |
|                  | See 10              |                          |         |                  |                      |              | Room 34               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Cash room           | Pipe insulation          | 30-40%  | Yes              | Removal              |              | Room 35               |                       | Assumed | No          | O&M Program          |
|                  |                     | Ising above ceiling      |         |                  |                      |              | Room 36               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Penthouse mach      | Penthouse material       | < 10%   | Yes              | O&M Program          |              | Room 37               |                       | Assumed | No          | O&M Program          |
|                  |                     | around pipe in           |         |                  |                      |              | Room 38               |                       | Assumed | No          | O&M Program          |
|                  |                     | penthouse mach           |         |                  |                      |              | Room 39               |                       | Assumed | No          | O&M Program          |
|                  | room                |                          |         |                  |                      |              | Room 40               |                       | Assumed | No          | O&M Program          |
| Bldg 463         | Penthouse mach      | Cloth wrap around        | 50-60%  | Yes              | Repair, O&M Prog     |              | Penthouse mach        | Therms on air handler | Assumed | No          | O&M Program          |
|                  | room                | pipe in penthouse        |         |                  |                      |              |                       |                       |         |             |                      |
|                  |                     | Mach 100%                |         |                  |                      |              |                       |                       |         |             |                      |
| Bldg 463         | Penthouse mach      | Pelt wrap around         | 35-45%  | Yes              | O&M Program          | BUILDING 464 | N/A                   | Corrugated 7" stone   | Assumed | No          | O&M Program          |
|                  | Room                | 4" pipe in pent-         |         |                  |                      |              |                       | sliding               |         |             |                      |
|                  |                     | house mach, Rm           |         |                  |                      |              |                       |                       |         |             |                      |
| Bldg 463         | Penthouse mach      | Tapping material on      | 70-80%  | Yes              | O&M Program          | BUILDING 465 | N/A                   | Corrugated 7" stone   | Assumed | No          | O&M Program          |
|                  | room                | duct work in             |         |                  |                      |              |                       | sliding               |         |             |                      |
|                  |                     | Mach Rm                  |         |                  |                      |              |                       |                       |         |             |                      |
| Bldg 464         | Meatrooms           | Orange Pressure          | 15-20%  | No               | O&M Program          | BLOCK 470    | Second level          | Corrugated 7" stone   | Assumed | No          | O&M Program          |
|                  |                     | in building 464          |         |                  |                      |              |                       | sliding               |         |             |                      |
| Bldg 464         | Shop office         | Green 7"x7" floor        | 30-40%  | No               | O&M Program          | BUILDING 466 | N/A                   | Corrugated 7" stone   | Assumed | No          | O&M Program          |
|                  | See                 |                          |         |                  |                      |              |                       | sliding               |         |             |                      |
| Bldg 466         | 1st floor           | Tan 12"x12" floor        | 10-15%  | No               | O&M Program          | BUILDING 468 | N/A                   | Corrugated 7" stone   | Assumed | No          | O&M Program          |
|                  | See                 |                          |         |                  |                      |              |                       | sliding               |         |             |                      |
| Bldg 466         | Meat in 1st room    | Spray-on                 | 25-30%  | Yes              | Removal              | BUILDING 470 | N/A                   | 1/4" Vitrinite string | Assumed | No          | O&M Program          |
|                  |                     | Sealing                  |         |                  |                      |              |                       | 15 1/4" concrete lap  |         |             |                      |
|                  |                     |                          |         |                  |                      |              |                       | See in Line Room      |         |             |                      |
| Bldg 466         | Room A              | 3" pipe insulation       | 25-30%  | Yes              | Removal              |              |                       |                       |         |             |                      |
| Bldg 464         | Bldg 464            | 3" pipe steam            | 30-50%  | Yes              | Repair, O&M Prog     |              |                       |                       |         |             |                      |

| LOW CHEMICAL USE HIGH TEMPERATURE CALORIFER |                               |                                                            |         |         |                      | LOW CHEMICAL USE HIGH TEMPERATURE CALORIFER |                                         |                             |         |             |                      |  |
|---------------------------------------------|-------------------------------|------------------------------------------------------------|---------|---------|----------------------|---------------------------------------------|-----------------------------------------|-----------------------------|---------|-------------|----------------------|--|
| BUILDING #                                  | LOCATION                      | DESCRIPTION                                                | RESULTS | FRASILE | RECOMMENDED RESPONSE | BUILDING                                    | LOCATION                                | DESCRIPTION                 | RESULTS | FRASILE     | RECOMMENDED RESPONSE |  |
| BUILDING 564                                | Bay 7, level 1 to 4           | 24" insulation on B1                                       | 1-5%    | Yes     | Repair O&M Prog      | BUILDING 361                                | Basement, room #2 B: 12" x 12" floor dr | 1-5%                        | No      | O&M PROGRAM |                      |  |
| BUILDING 564                                | Bay 7, level 1 to 4           | 24" insulation on B2                                       | 1-5%    | Yes     | Repair O&M Prog      | BUILDING 460                                | Highway                                 | Acoustical ceiling material | 5-10%   | Yes         | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 7, level 1 to 3           | 24" insulation on B3                                       | 1-5%    | Yes     | Repair O&M Prog      | BUILDING 361                                | Room E17                                | Same plaster ceiling        | 1-5%    | Yes         | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 9, Level 3                | Tape on wall face                                          | 1-5%    | Yes     | O&M PROGRAM          | BUILDING 361                                | Room W8                                 | Pipe insulation             | 55-60%  | Yes         | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 4, Level 2                | 10" insulation around Valve West Side of                   | 1-5%    | Yes     | Repair O&M Prog      | BUILDING 361                                | Room W8                                 | Pipe elbow insulation       | 55-60%  | Yes         | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 10, Level 2               | 14" insulation on top of line, west side of                | 20-25%  | Yes     | O&M Program          | BUILDING 361                                | Highway next to today                   | Gray floor tile & plaster   | 10-20%  | No          | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 9, Level 2                | 3" steam pipe insulation, South side of bay                | 1-5%    | Yes     | Repair O&M Prog      | BUILDING 361                                | Room W8                                 | Tape on ducts               | 20-25%  | No          | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 10 Level 1                | 4" pipe insulation on Charapryndine turn outside of bay 10 | 1-5%    | Yes     | Repair O&M Prog      | MEDICAL BLDG                                | Equipment room                          | Pipe elbow insulation       | 50-55%  | Yes         | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 10 Level 1                | Insulation on Charapryndine turn outside of bay 10         | 1-5%    | Yes     | Repair O&M Prog      | MEDICAL BLDG                                | X-ray room                              | Gray Insulation             | 5-10%   | No          | O&M PROGRAM          |  |
| BUILDING 564                                | Bay 9 Level 1                 | Insulation on top, inside of bay                           | 5-10%   | Yes     | O&M Program          | VEHICLE WAREHOUSE                           | Pipe insulation                         | 20-30%                      | Yes     | O&M PROGRAM |                      |  |
| BUILDING 563                                | 563 Control room, Level 1     | Brown 12" x 12" floor tile                                 | 3-5%    | No      | O&M Program          | BUILDING 310                                | SOUTH SIDE                              | Steam pipe insulation       | 20-35%  | Yes         | O&M PROGRAM          |  |
| BUILDING 563                                | 563 control Rm level 2        |                                                            |         | No      | O&M Program          | BUILDING 310                                | Heat to lab                             | Lithium                     | 35-40%  | No          | O&M PROGRAM          |  |
| BUILDING 563                                | 563 control Rm level 1        | White insulation in roof room                              | 25-30%  | No      | O&M Program          | BUILDING 310                                | Locker room                             | Lithium                     | 35-40%  | No          | O&M PROGRAM          |  |
| BUILDING 563                                | 563 control Rm level 2        |                                                            |         | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 563                                | 563 control Rm level 2        | Dark brown 12" x 12" floor tile                            | 5-10%   | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Office & lab                  | 3" off white pipe insulation above ceiling                 | 10-15%  | YES     | Repair O&M Prog      |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | High pressure lab             | 3" off-white pipe elbow                                    | 5-15%   | Yes     | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | East side of Bldg             | 3" off-white pipe insulation                               | 5-10%   | Yes     | Repair O&M Prog      |                                             |                                         |                             |         |             |                      |  |
| BUILDING 565                                | North side of Bldg            | 3" off white pipe insulation                               | 25-35%  | Yes     | Removal              |                                             |                                         |                             |         |             |                      |  |
| BUILDING 568                                | North side east of Bldg       | Off white clean wrap on pipe                               | 55-60%  | Yes     | Removal              |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Fume hood "H1"                | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Fume hood "H2"                | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Fume hood "H3"                | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Fume hood "H4"                | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Fume hood "H5"                | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Center of room                | 18 1/4" center in top                                      | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 562                                | Center of room                | 18 1/4" center in top                                      | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 565                                | Fume hood "H"                 | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 566                                | Fume hood "H"                 | 14" variable wiring 18 1/4" center in top                  | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 566                                | Compressed Transite Bldg      |                                                            | Assumed | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 361                                | South end of basement         | Black 8" x 8" floor tile                                   | 5-10%   | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |
| BUILDING 361                                | Basement, room across from B4 | 4" pipe insulation                                         | 5-10%   | No      | O&M Program          |                                             |                                         |                             |         |             |                      |  |

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