

Awardee:

Boston University (Lew Pepper, M.D.)

Award Period:

1995-2000

Summary:

Job stressors (i.e., work-related conditions implicated in disease development) include job dissatisfaction, lack of job control, and under-utilization of abilities. Sudden job change through strike, retirement, layoff, relocation, or job loss may trigger these stressors. In this multisite project, five DOE sites (Idaho National Engineering and Environmental Laboratory, Los Alamos National Laboratory, Nevada Test Site, Oak Ridge Y-12 Plant, and Pantex) were selected to study the effects of downsizing on organizational climate, worker health, and performance. Data gathering included interviews, workplace observations, employee discussion groups, an employee survey distributed to more than 10,500 employees, and a historical record review. For each downsizing organization, researcher identified opportunities to reduce job stress that could lead to improved employee health and organizational well-being. Suggested intervention strategies were proposed for further research.

Manuscript:

Pepper L [2000]. The Health effects of downsizing in the nuclear industry: findings at the Idaho National Engineering and Environmental Laboratory. Boston, MA: Department of Environmental Health, Boston University School of Public Health; (CDC Cooperative Agreement U60 CCU 112215, Final Report.) Available from the National Institute for Occupational Safety and Health/Health-Related Energy Research Branch, Cincinnati, OH, 129 pg. [PDF version available](#) (501KB)

Pepper L [2000]. The Health effects of downsizing in the nuclear industry: findings at the Los Alamos National Laboratory. Boston, MA: Department of Environmental Health, Boston University School of Public Health; (CDC Cooperative Agreement U60 CCU 112215, Final Report.) Available from the National Institute for Occupational Safety and Health/Health-Related Energy Research Branch, Cincinnati, OH, 135 pg. [PDF version available](#) (537KB)

Pepper L [2000]. The Health effects of downsizing in the nuclear industry: findings at the Nevada Test Site. Boston, MA: Department of Environmental Health, Boston University School of Public Health; (CDC Cooperative Agreement U60 CCU 112215, Final Report.) Available from the National Institute for Occupational Safety and Health/Health-Related Energy Research Branch, Cincinnati, OH, 125 pg. [PDF version available](#) (527KB)

Pepper L [2000]. The Health effects of downsizing in the nuclear industry: Pantex. Boston, MA: Department of Environmental Health, Boston University School of Public Health; (CDC Cooperative Agreement U60 CCU 112215, Final Report.) Available from the National Institute for Occupational Safety and Health/Health-related Energy Research Branch, Cincinnati, OH, 133 pg. [PDF version available](#) (470KB)

Pepper L [2000]. The Health effects of downsizing in the nuclear industry: findings at the Y-12 Plant, Oak Ridge Reservation. Boston, MA: Department of Environmental Health, Boston University School of Public Health; (CDC Cooperative Agreement U60 CCU 112215, Final Report.) Available from the National Institute for Occupational Safety and Health/Health-Related Energy Research Branch, Cincinnati, OH, 129 pg. [PDF version available](#) (532KB)

Significance:

This psychosocial morbidity study is relevant to current and future workers, and could be used as the basis of future intervention or surveillance efforts.

17. Mortality Among Female Nuclear Weapons Workers

Grantee:

State University of New York (Gregg Wilkinson, Ph.D.)

Award Period:

1994-2000