

~~(H) THAT THE DESTRUCTION, TREATMENT, OR STORAGE TECHNOLOGY TO BE USED AT THE FACILITY HAS BEEN FULLY PROVEN:~~

~~1. BASED ON ACTUAL MONITORING DATA, FOR AT LEAST 6 MONTHS;~~

~~2. AT AN OPERATIONAL FACILITY IN THE UNITED STATES THAT IS COMPARABLE IN SCALE, CONFIGURATION, AND THROUGHPUT TO THE PROPOSED FACILITY; AND~~

~~3. TO PROVIDE CONSISTENT ASSURANCE OF A 99.9999 PERCENT EFFICIENCY RATE FOR THE DESTRUCTION, REMOVAL, TREATMENT, OR NEUTRALIZATION OF EACH CHEMICAL WARFARE MATERIAL OR CHEMICAL WEAPON TO BE PROCESSED AT THE FACILITY;~~

~~(H) THAT THE 99.9999 PERCENT EFFICIENCY RATE IS ACHIEVABLE DURING THE DESIGN LIFE OF THE PROPOSED FACILITY UNDER ALL OPERATING CONDITIONS, INCLUDING THE OCCURRENCE OF MODIFICATIONS, MALFUNCTIONS, UPSETS, OR UNPLANNED SHUTDOWNS;~~

~~(III) BY USE OF MONITORING DATA FROM THE COMPARABLE FACILITY AND APPLICABLE TOXICOLOGICAL DATA, THE ABSENCE OF EMISSIONS FROM THE FACILITY OR FROM A FUGITIVE SOURCE, INCLUDING COMBUSTION PRODUCTS, THAT ALONE OR IN COMBINATION WITH ANOTHER SUBSTANCE WILL PRESENT A RISK OF AN ACUTE OR CHRONIC HUMAN HEALTH EFFECT OR AN ADVERSE ENVIRONMENTAL EFFECT; AND~~

~~(IV) AN EMERGENCY PREPAREDNESS PLAN THAT PROVIDES:~~

~~1. THE TRAINING, COORDINATION, AND EQUIPMENT NECESSARY FOR STATE AND LOCAL EMERGENCY RESPONSE PERSONNEL AND COMMUNITY MEMBERS TO RESPOND TO A RELEASE OF A HARMFUL SUBSTANCE FROM THE PROPOSED FACILITY; AND~~

~~2. FOR THE PREEXPOSURE EVACUATION OF ALL INDIVIDUALS IN THE GEOGRAPHIC AREA WHO WOULD BE AT RISK OR IN ANY WAY INVOLVED IN THE EVENT OF A CREDIBLE WORST CASE RELEASE OF A CHEMICAL WARFARE MATERIAL; A CHEMICAL WEAPON; OR A SUBSTANCE RELATED TO THE DESTRUCTION, TREATMENT, STORAGE, OR NEUTRALIZATION OF A CHEMICAL WARFARE MATERIAL OR CHEMICAL WEAPON, INCLUDING A CONSIDERATION OF ALL POSSIBLE CLIMATIC CONDITIONS AND POPULATION DISTRIBUTIONS IN THE LARGEST AREA WHERE EXPOSURE TO THE RELEASE COULD BE FORESEEABLE AND INDUCE HEALTH OR ENVIRONMENTAL CONSEQUENCES;~~

~~(2). THE DEPARTMENT FINDS BY CLEAR AND CONVINCING EVIDENCE THAT NO REASONABLE ALTERNATIVE METHOD OF DESTRUCTION, TREATMENT, STORAGE, OR OTHER DISPOSAL EXISTS, IS LIKELY TO EXIST, OR COULD BE DEVELOPED, INCLUDING NEUTRALIZATION OR TRANSPORT TO A LESS POPULATED DISPOSAL SITE, IN ORDER TO CREATE LESS RISK OF RELEASE OR HARM TO THE GENERAL PUBLIC OR THE ENVIRONMENT;~~