

## ATTACHMENT 1

### SELECTED CHRONOLOGICAL MILESTONES CONCERNING DEPARTMENT OF ENERGY ORDERS 1540.2 AND 5480.3

- 1985. The Department of Energy (DOE) Order 5480.3 provided for a packaging certification program where each field office was allowed to perform its own certifications.

Following a congressional inquiry, the program was changed, and a centralized certification program was established at DOE Headquarters in 1985 under Defense Programs (DP). This centralized program was proscribed in DOE 1540.2. Management of transportation operations was also under DP at this time.

However, DOE 5480.3, which addresses packaging and transportation safety, was not changed. Therefore, one Order allows certification at the field office level, and one does not. (A memorandum was issued that clearly removed the authority from the field, but DOE 5480.3 was never changed.)

- 1987. Defense Programs requested that the Office of Environment, Safety and Health (EH) update DOE 5480.3 to reflect the current organizational responsibilities as well as correct 21 areas where the Order conflicted with the Department of Transportation/Nuclear Regulatory Commission packaging and transportation regulations used by DOE (essentially Title 10, *Code of Federal Regulations*, Part 71, and Title 49, *Code of Federal Regulations*, Part 173).

EH was also requested to issue a Notice to the Order clarifying the issues until the Order could be revised. Although Notices were issued, the Notices have expired without any revisions to the Order: therefore, the current Order continues to reflect the conflicts.

- 1989–1992 Reorganizations. The Office of Environmental Restoration and Waste Management (EM) was formed, and the management of transportation operations function was transferred from DP to EM. Also, during this period, the certification function was transferred from DP to EH.

These changes left the Orders in a status where they were not only in conflict with one another and with the federal regulations, but no longer reflected any correct organizational structure or responsibilities. For example, both Orders showed DP with the major programmatic responsibilities for packaging and transportation operations and safety.

- 1992. EH and EM began a concerted effort to update the Orders. Since previous reorganizations had transferred major responsibilities from DP and split them between EH and EM, the Order revision effort involved revamping the existing five transportation and packaging Orders 1540.1, 1540.1A, 1540.3, 1540.4, and 5480.3 into eight Orders 1540.1A, 1540.2A, 1540.3A, 1540.4A, 1540.5A, 1540.6A, 5480.3R, and 5480.X (onsite safety).

The intent was to cancel DOE 1540.2 and transfer its safety requirements to DOE 5480.3R, the successor to DOE 5480.3 which was being totally rewritten. DOE 1540.2 was to be reissued as a new Order with a different title and different requirements.

- 1994. Draft Orders 5480.3R, 5480.X, and 5480.3V (Motor Carrier Safety) were completed.
- 1995. As part of the Directives Reduction Initiative, DOE O 460.1 was issued which contained the surviving portions of the three 1994 Safety Orders. At the same time the revisions to the 1540 series took place in the form of DOE O 460.2.
- 1996. DOE O 460.1A replaced DOE O 460.1 when the EH packaging and transportation safety functions were transferred to EM.
- 1997. DOE G 460.1-1 is issued.