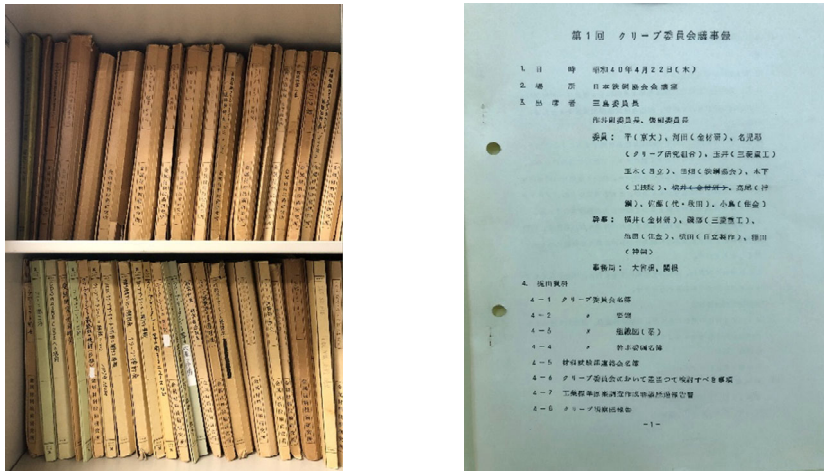


Foundation of the plan for long-term creep tests contributing to the reliability of high-temperature structural components

Registration No.	Number 00379		
Registration Date	September 10, 2024	Registration Category	Category 2

Name (Model, etc.)	Documents by Creep Committee of the Iron and Steel Institute of Japan		
Location	Tsukuba-shi, Ibaraki		
	National Institute for Materials Science		
Owner (Custodian)	National Institute for Materials Science		
Manufacturer (Company)	Creep Committee of the Iron and Steel Institute of Japan		
Year Manufactured	1965~1966		
Year first appeared	1965		
Reason For Selection	<p>These materials show the process leading up to the launch of the Creep data sheet project, which was brought to fruition through a partnership straddling industry, the government, and academia. In 1964, a recommendation for the development of super critical pressure power generation was issued by the Science and Technology Agency Resources Council, and a Creep Committee was established in the Iron and Steel Institute of Japan. In 1965, a Creep Data Sheet Subcommittee was established in the Creep Committee. The Creep data sheet creation methodology plan was approved the following year, and work began. These are possibly the only documents in which information such as the names of bodies participating in the committee and representatives still remains. They are important as foundational materials concerning iron and steel reliability-enhancing technology in Japan.</p>		
Registration Standard	<p>1-A (Show an important aspect or stage of the development of science and technology.) 1-E (Have significant educational value in the task of handing on scientific and technological skills as examples of trial and error, failure, etc.)</p>		

Open/Closed to Public	Closed to Public
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Photo	 <p>The left photograph shows a stack of approximately 20 old, yellowed documents with handwritten text on their spines. The right photograph shows a page from the 'First Creep Committee Meeting Minutes' (第1回クリープ委員会議事録), dated April 22, 1965. The page lists the meeting details, including the date, location (National Institute for Materials Science), and the names of the members and attendees.</p>
Other useful information	<p>First Creep Committee Meeting Minutes</p>