

MOT. 20070910.0117

Lee Morton

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QA:NA

To: Jane Summerson/YD/RWDOE@CRWMS  
cc: Joseph Rivers/YD/RWDOE@CRWMS, Susan Walker/YD/RWDOE, Roberta Stambaugh/YM/RWDOE@CRWMS, Janice Roberson/YM/RWDOE@CRWMS  
Subject: SEIS Input for April 30, 2007

LSN: Not Relevant - Privileged  
User Filed as: Excl/AdminMgmt-14-4/QA:NA

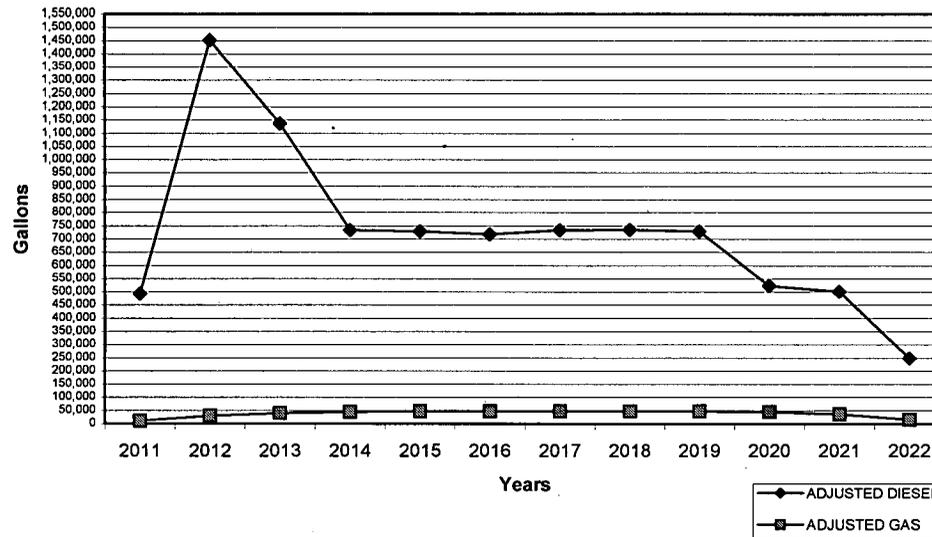
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Not js

Amount of fuel, diesel and gasoline, estimated to be burned every year during the repository construction, operations/monitoring, and closure phases. In addition to the total amount of fuel burned, the percentage of each fuel burned by construction equipment, generators, boilers, and any other major category of fossil-fuel burners.



Response: See attached file, Yucca Mtn Fuel Consumption April 2007.xls

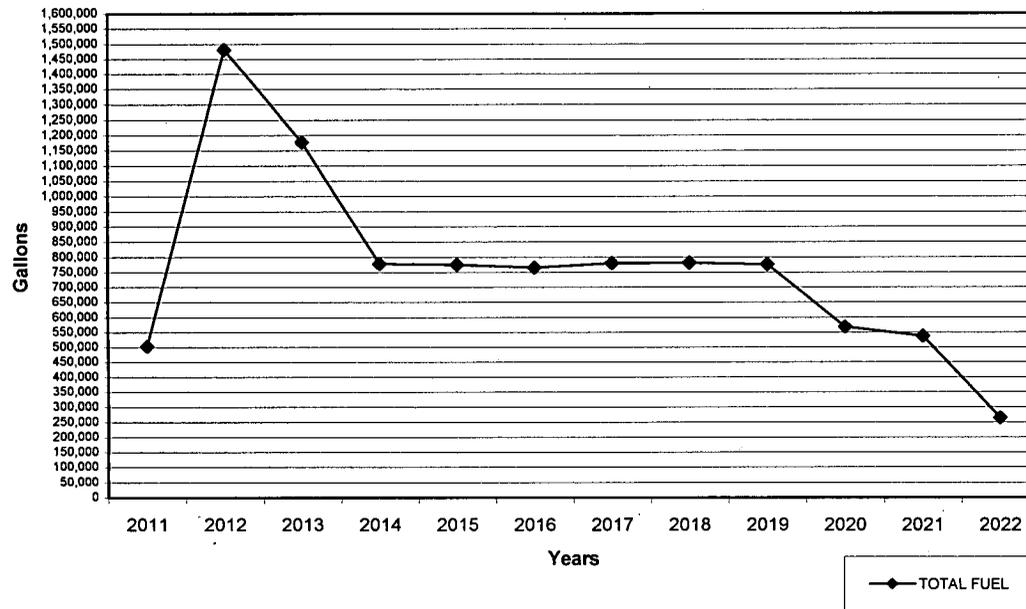
## Estimated Fuel Consumption by Year (Preliminary)



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
ADJUSTED DIESEL	492,858	1,451,607	1,137,550	733,480	728,737	718,631	733,754	734,576	729,131	523,347	501,448	248,775	8,733,894
ADJUSTED GAS	10,816	30,386	39,613	44,832	46,704	46,704	46,704	46,704	46,704	44,721	35,910	15,526	455,324

**Note:** The estimated fuel consumption curves shown above are based on a preliminary list of equipment anticipated to be used for the construction of the Yucca Mountain Project for both surface and subsurface facilities from the beginning of CY 2011 to June, 2022. Construction of the subsurface facilities will continue for many years beyond the period covered by the above fuel consumption curves. The anticipated equipment and hence the fuel consumption curves are preliminary at this time.

## Estimated Total Fuel Consumption by Year (Preliminary)



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
ADJUSTED DIESEL	492,858	1,451,607	1,137,550	733,480	728,737	718,631	733,754	734,576	729,131	523,347	501,448	248,775	8,733,894
ADJUSTED GAS	10,816	30,386	39,613	44,832	46,704	46,704	46,704	46,704	46,704	44,721	35,910	15,526	455,324
<b>TOTAL FUEL</b>	<b>503,674</b>	<b>1,481,993</b>	<b>1,177,163</b>	<b>778,312</b>	<b>775,441</b>	<b>765,335</b>	<b>780,458</b>	<b>781,280</b>	<b>775,835</b>	<b>568,068</b>	<b>537,358</b>	<b>264,301</b>	<b>9,189,218</b>

Note: The estimated fuel consumption curve shown above is based on a preliminary list of equipment anticipated to be used for the construction of the Yucca Mountain Project for both surface and subsurface facilities from the beginning of CY 2011 to June, 2022. Construction of the subsurface facilities will continue for many years beyond the period covered by the above fuel consumption curves. The anticipated equipment and hence the fuel consumption curve are preliminary at this time.